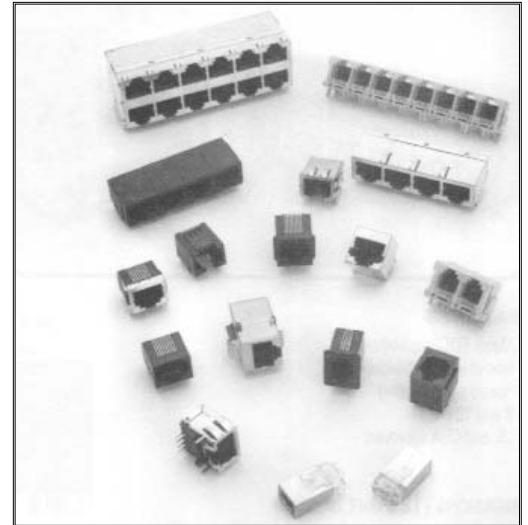


# Modular Jack Connectors

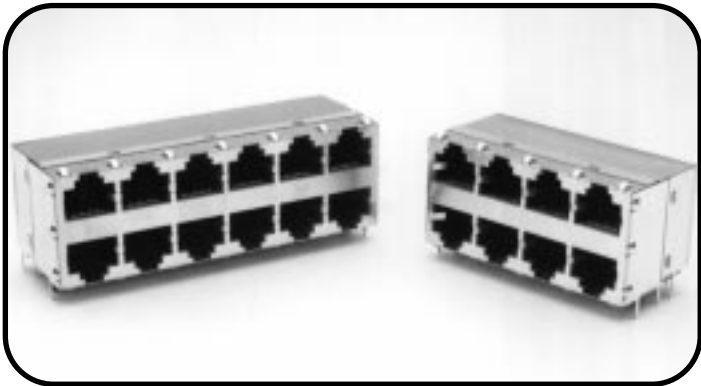
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# MJDS Series

## Stacked Modular Jacks (27.80mm)

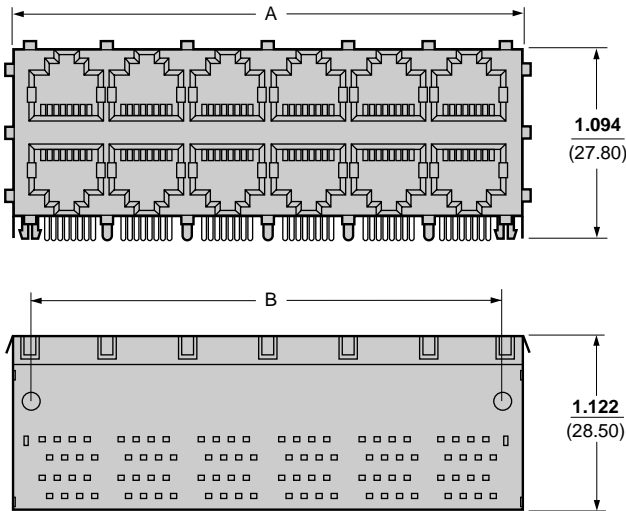
### 8 to 12Ports, Shielded & Non-Shielded



FEATURES

- Meets FCC requirements
- Non-shielded, shielded
- Snapp peg mounting
- 8 and 12 ports
- UL and CSA approved

DIMENSIONS (12 PORT SHOWN)



No. of Ports and Style	A	B
8*	2.33	2.10
	59.12	53.34
12*	3.43	3.20
	87.12	81.28

\* Also available in 25.3mm height (MJDS-LG5-Series)

NOTE: Consult factory for recommended PCB layout.

Performance Specifications

Materials and Finish

- Housing:** Glass filled polyester, Zytel FR50,UL 94V-0 rated, black
- Contacts:** 0.35mm phosphor bronze, gold plated, with tin leads, over nickel
- Shielding:** 0.25mm thickness copper alloy plated with 90 microinch tin

Mechanical Characteristics

**Durability:** 1000 mating cycles

Electrical Characteristics

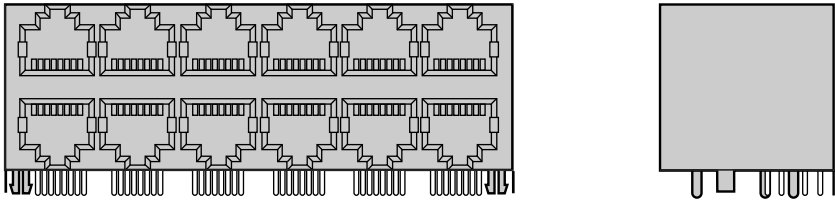
- Current/Voltage:** 150Vac at 1.5 amps maximum at 25°C
- Dielectric Withstanding Voltage:** 1000 Vac RMS minimum, 60 Hz
- Insulation Resistance:** 500 megohms minimum
- Contact Resistance:** 30 milliohms maximum
- Operating Temperature:** -40° C to + 125° C

MODULAR JACK CONNECTORS

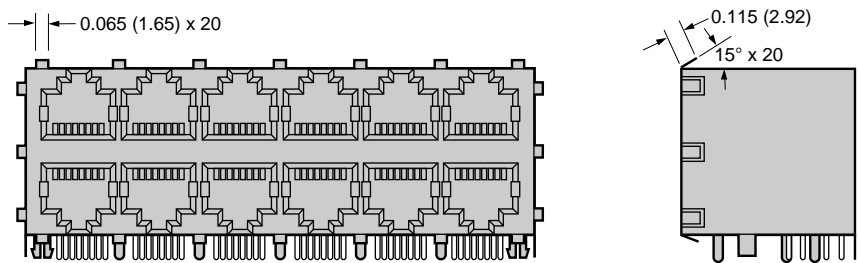
MAXCONN - [\(Back to Table of Contents\)](#)

MJDS Series  
Stacked Modular Jacks  
8 to 12 Ports, Shielded and Non-shielded

Grounding Tab Combinations (12 Ports Shown)



Shown with Panel Ground Option (PG4 Option)



HOW TO ORDER

**MJDS - G - 8    8 - 2 - PG4    T - 30**

**Series** \_\_\_\_\_  
S – Shielded

**Ganged** \_\_\_\_\_  
G – Standard 27.8mm height

**Number of Positions** \_\_\_\_\_  
8

**Number of Contacts** \_\_\_\_\_  
8

**Number of Ports** \_\_\_\_\_  
8, 12

**Contact Plating**  
Blank — 10 microinch gold  
30 — 30 microinch gold (Std)  
50 — 50 microinch gold

**PCB Grounding Options**  
Blank — Standard one backside, three per side  
T — Grounding pins between each port. (backside)  
S — Between each port (middle row/backside)  
X — No rear ground pin

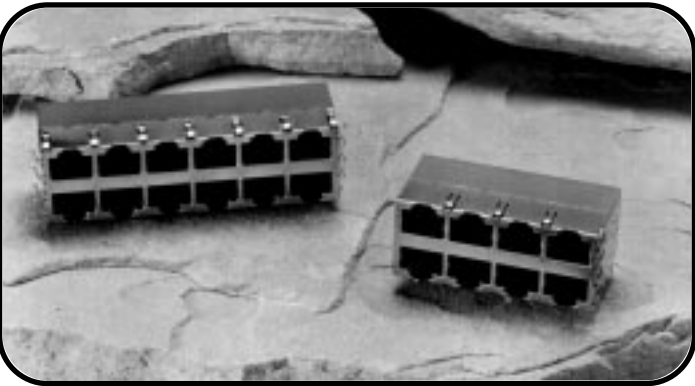
**Panel Grounding Option**  
Blank – Without grounding tabs  
PG4 – Grounding flange (sides)  
Grounding tabs (top/bottom)

# MODULAR JACK CONNECTORS

## MJDS-LG5 Series

### Stacked Modular Jacks

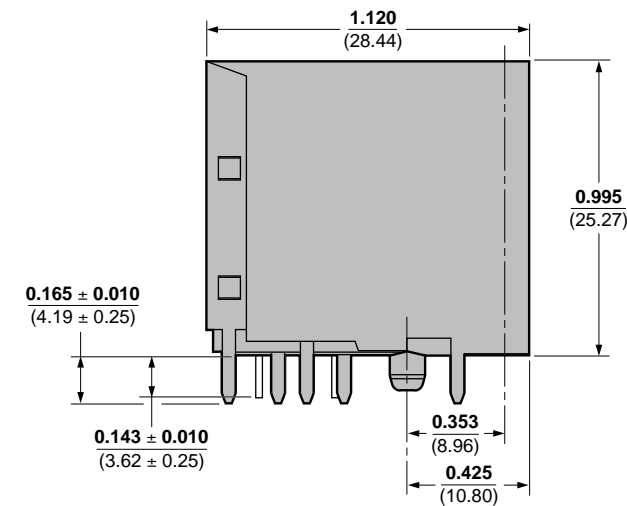
### 2 to 16 Ports, Shielded



#### FEATURES

- Low profile
- Meets FCC requirements
- Non-shielded, shielded
- Category 5E compliant
- Enhanced panel and ground shield options
- UL and CSA approved E107337 and E145613

#### DIMENSIONS



Description	No. of Ports and Style	A	B
2 x 1 Ports	2	0.680 17.27	0.450 11.43
2 x 2 Ports	4	1.230 31.24	1.000 25.40
2 x 3 Ports	6	1.780 45.21	1.550 39.37
2 x 4 Ports	8	2.330 59.18	2.100 53.34
2 x 6 Ports	12	3.430 87.12	3.200 81.28
2 x 8 Ports	16	4.530 115.06	4.300 109.22

NOTE: Consult factory for recommended PCB layout.

MAXCONN - [\(Back to Table of Contents\)](#)

#### Performance Specifications

##### Materials and Finish

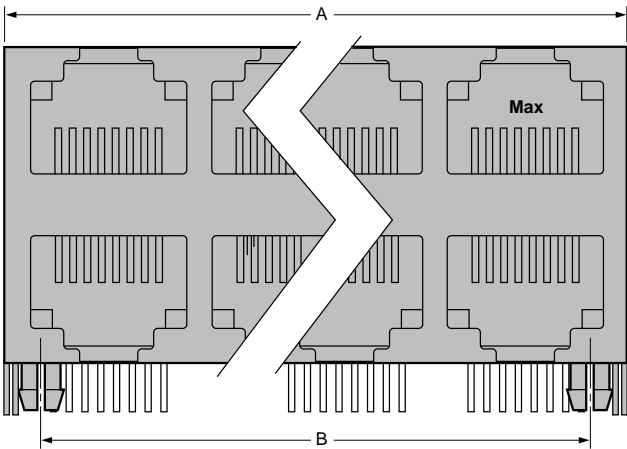
- Housing:** Glass filled polyester, Zytel FR50, UL 94V-0 rated, black
- Contacts:** 0.35mm phosphor bronze, gold plated with tin leads over nickel
- Shielding:** 0.25mm thickness copper alloy plated with 90 microinch tin

##### Mechanical Characteristics

**Durability:** 1000 mating cycles

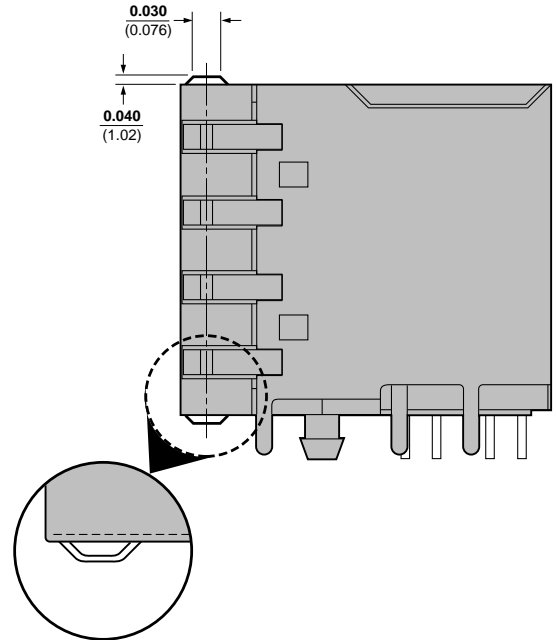
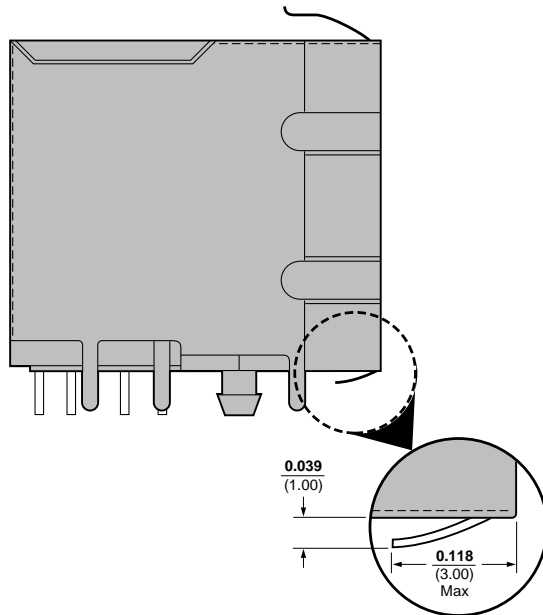
##### Electrical Characteristics

- Current/Voltage:** 150 Vac at 1.5 amps maximum at 25°C
- Dielectric Withstanding Voltage:** 1000 Vac RMS minimum, 60 Hz
- Insulation Resistance:** 500 megohms minimum
- Contact Resistance:** 30 milliohms maximum
- Operating Temperature:** -40° C to + 125° C



**MAXCONN - (Back to Table of Contents)**

Detail A  
TF Type Tab



**MJDS - LG5-8 8 -X XXX X - 30**

Panel Grounding Options	
Blank	Without grounding tabs
TF5	Forward grounding flang (sides)
GF5	Rearward grounding flang (1 piece)
GF8	Rearward grounding flang and forward bottom
GF9	Rearward grounding flang and rearward bottom

# MJFS Series

## Filtered Transformer, Shielded, Standard PCB Footprint



- UL and CSA approved E107337 and E145613
- Meets FCC requirements
- Meets IEEE 802.3 requirements 10/100BaseT, and 100BaseT
- Space saving
- Optimized performance
- Standard PCB layout
- Drop in replacement for existing connector

The technical drawings show the following dimensions:

- Top View:** Overall width is 0.625 (15.88). The central area is labeled "Max Patented".
- Side View:** Height from the base to the top of the housing is .125 (317).
- Rear View:** Shows the "Rear Ground Pin" and "R1-Front Ground Pin". Dimensions include:
  - Distance between ground pins: 1.20 (27.94) Max.
  - Height from base to the front of the housing: .550 (13.97).
  - Pin diameter: .120 (3.05).

**\*Consult factory for panel cutout, and further specifications. Custom designs welcomed.**

**\*\* Request from factory a detailed filter diagram for each specific application. Also provide factory with the specific semiconductor needing the filtering and Maxconn can provide a specification which will match the recommendation given by the semiconductor manufacturer.**

## Performance Specifications

**Housing:** Glass filled polyester, UL 94V-0 rated, high-temp.,black

**Contacts:** 0.35mm Phosphor bronze (C5210)

**Contact Plating:** Palladium nickel 50 microinch

**Shielding:** 0.25mm thickness copper alloy plated with 90 microinch tin

## Mechanical Characteristics

**Durability:** 1000 mating cycles

## Electrical Characteristics

**Current/Voltage:** 150Vac at 1.5 amps maximum at 25°C

**Dielectric Withstanding Voltage:** 1000 Vac RMS minimum, 60 Hz

**Contact Resistance:** 30 milliohms maximum

**Insulation Resistance:** 500 megohms minimum

**Operating Temperature:** -40°C to +125°C

**MJFS - R - 8 8 - - GF5 - XXF1**

Series

## Mounting

R – Right angle

R1 – Right angle

Front ground pin  
G – Gand type

### Number of Positions.

6, 8

### Number of Contacts

6. 8

### Number of Ports

2, 4, 6, 8

Blank – Single port

## Filter

XXF1 — ISDN

XXF2 — 10BaseT

XXF3 — 100BaseT

XXF4 — Tokin Ring

## Grounding Tabs

Blank No grounding tabs

GF5 Ground Flange

MODULAR JACK CONNECTORS

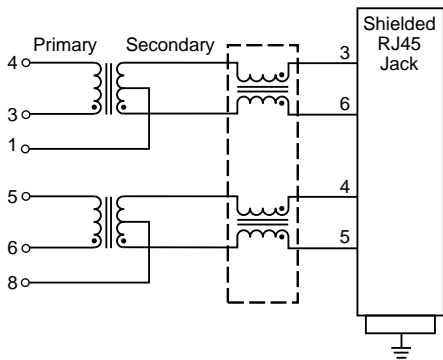
MJFS Series  
Filtered Transformer, Shielded,  
Standard PCB Footprint

ISDN Transformer Specifications (Design 3)

Electrical Specifications

- Isolation Voltage: 1000 Vrms
- Turns Ratio: 1:2CT  $\pm 2\%$  (Pri:Sec)
- OCL: TX: 22mH minimum @ 10kHz, 0.1V
- CD: 180pF maximum (Pri)
- Cw/w: 100pF maximum (Pri/Sec) @ 100kHz 0.1V
- LL: (Sec): 11 $\mu$ H maximum @ 100kHz 0.1V (Pri Shorted)
- DCR: 2.4  $\pm 25\%$  ohms (Pri)
- DCR: 4.4  $\pm 25\%$  ohms (Sec)
- Idc: 1mA maximum
- Choke: OCL: 40 $\mu$ H typical

Schematic



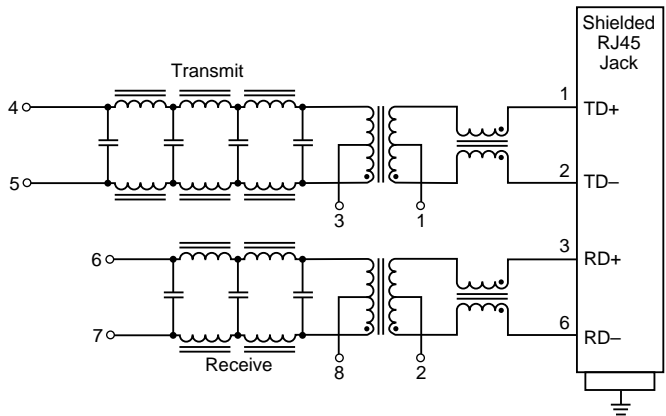
MAXCONN - (Back to Table of Contents)

10 Base-T Filtered Transformer Specifications (Design 4)

Electrical Specifications

- Isolation Voltage: 1500 Vrms
- Insertion Loss: (1 – 10MHz): -1dB maximum
- Attenuation at 30 MHz:
  - Transmit: 30dB minimum
  - Receive: 18dB minimum
- Return Loss: (1 – 10MHz): 15dB minimum
- Cutoff Frequency: 17MHz typical
- Cross Talk: (1 – 10MHz): -30dB minimum
- I/O Impedance: 100 ohms

Schematic



## MODULAR JACK CONNECTORS

MJFS Series  
Filtered Transformer, Shielded,  
Standard PCB Footprint

100 Base Combo Filtered Transformer Specifications  
(Design 6)

### Electrical Specifications

**Isolation Voltage:** 1500 Vrms (Input to Output)

**Turns Ratio:** TX: 2:1 ( $\pm 2\%$ ), RX: 1:1:1 ( $\pm 2\%$ )

**OCL:** TX: 140 $\mu$ H minimum, RX: 350  $\mu$ H minimum @ 100kHz, 100mV

**Rise Time:** (10 – 90%): 3.0ns typical

**Insertion Loss:** (1M – 125 MHz): -1.0dB maximum

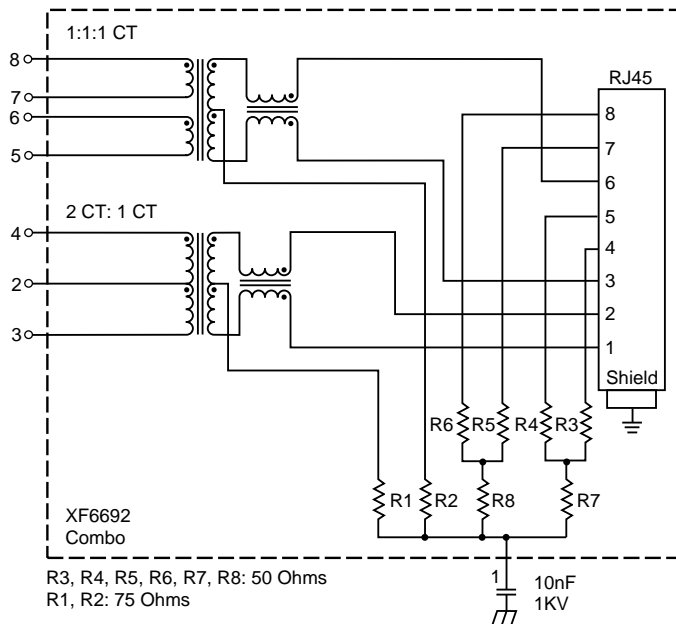
#### Return Loss:

100 kHz – 60 MHz	-15 dB minimum (Tx)/	-17 dB minimum Rx
60MHz – 100MHz	-11dB minimum Tx)/	-15dB minimum Rx)

#### Common Mode to Differential Mode Attenuation::

100 kHz – 60 MHz	-45 dB minimum (Tx)/	-40 dB minimum Rx
60MHz – 100MHz	-40dB minimum Tx)/	-35dB minimum Rx)

### Schematic



## MAXCONN - (Back to Table of Contents)

ATM 100 Base Filtered Transformer Specifications  
(Design7)

### Electrical Specifications

**Isolation Voltage:** 1500 Vrms

**Rise Time:** 2ns typical @ 10 – 90%

**Insertion Loss:** (0.1 – 125 MHz): -1.1dB maximum

#### Return Loss:

0.1 – 60 MHz	-15 dB (Tx)/	-17 dB Rx typical
60 – 125MHz	-11dB Tx)/	-15dB (Rx) typical

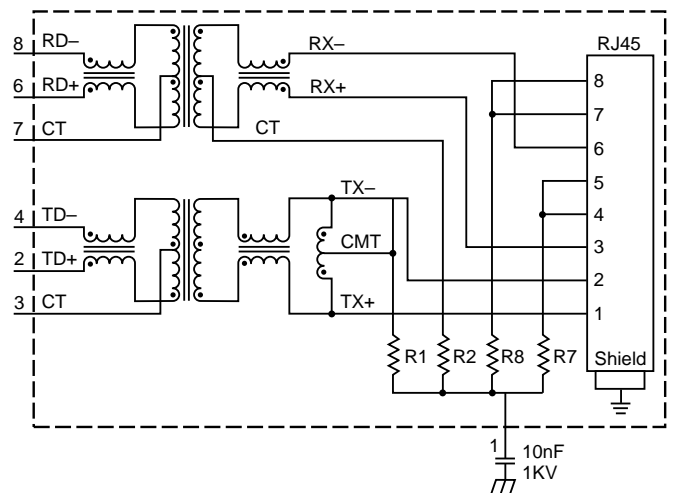
#### Cross Talk:

0.1 – 60 MHz	-40 dB minimum
60 – 125MHz	-38 dB minimum

#### Common Mode to Differential Mode Rejection:

100 kHz – 60 MHz	-45 dB minimum (Tx)/	-40 dB minimum Rx
60MHz – 100MHz	-40dB minimum Tx)/	-35dB minimum (Rx)

### Schematic





MODULAR JACK CONNECTORS

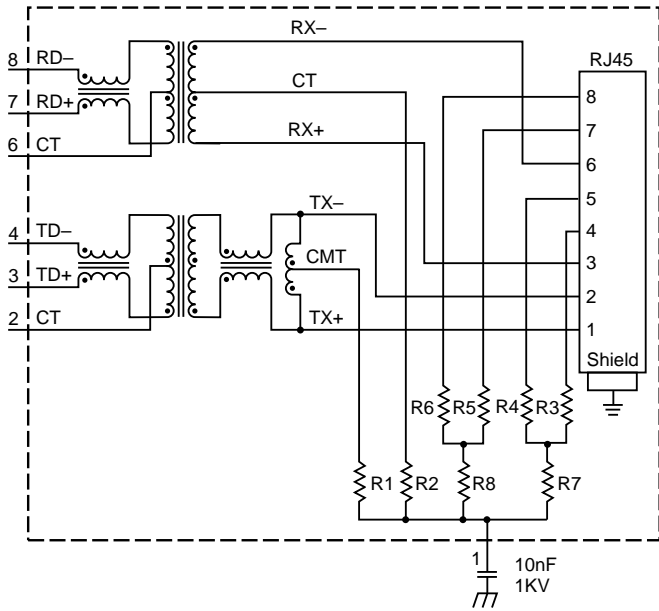
MJFS Series  
Filtered Transformer, Shielded,  
Standard PCB Footprint

ATM 100 Base Filtered Transformer Specifications  
(Design 8)

Electrical Specifications

- Isolation Voltage: 1500 Vrms
- Rise Time: 2.5ns typical @ 10 – 90%
- Insertion Loss: (0.1 – 125MHz) -1.1dB maximum
- Return Loss: (0.1 – 60MHz) -15dB Tx/-17dB Rx typical  
(60 – 125MHz) -11dB Tx/-15dB Rx typical
- Cross Talk: (0.1 – 60MHz) -40dB minimum  
(60 – 125MHz) -38dB minimum
- Common Mode to Differential Mode Rejection:  
(0.1 – 60MHz) -45dB Tx/-40dB Rx minimum  
(60 – 125MHz) -40dB Tx/-35dB Rx minimum

Schematic



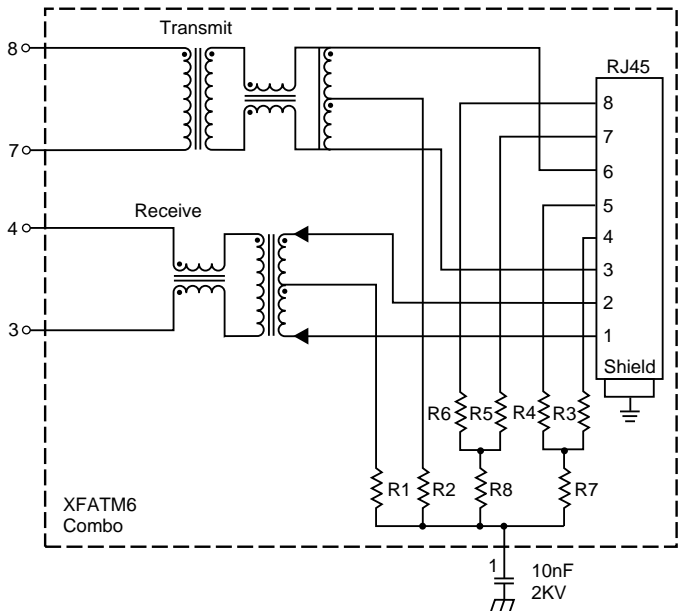
MAXCONN - (Back to Table of Contents)

10/100 Base TX Filtered Transformer Specifications  
(Design 5)

Electrical Specifications

- Isolation Voltage: 2000 Vrms
- Turns Ratio: 1:1CT
- Pri/Sec DCR: 0.90 ohms maximum
- Rise Time/Fall Time: 4ns tmaximum
- Cw/w (Pri/Sec): 15pF maximum
- Leakage Inductance: (Pri): 0.4μH maximum
- Insertion Loss: (0.1 – 125MHz) -1.1dB maximum
- Return Loss: (0.1 – 60MHz) -18dB minimum  
(60 – 125MHz) -12dB minimum
- Cross Talk: (0.1 – 125MHz) -38dB minimum

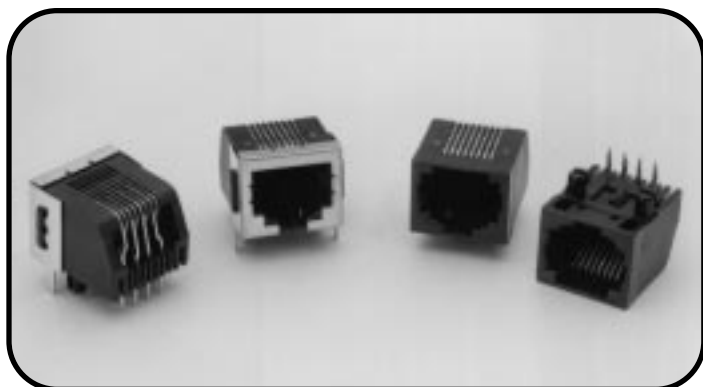
Schematic



# MJH Series

## Low Profile (.498 Height)

### Non-Shielded, Partially Shielded



## Performance Specifications

### Materials and Finish

**Housing:** Glass filled polyester, UL 94V-0 rated, black

**Shielding:** 0.35mm thickness copper alloy plated with 90 microinch tin

**Contacts:** 0.35mm Phosphor bronze, gold plated with 90 microinch tin over nickel

### Mechanical Characteristics

**Durability:** 1000 mating cycles

### Electrical Characteristics

**Current/Voltage:** 150 Vac at 1.5 amps maximum, at 25°C

**Dielectric Withstanding Voltage:** 1000 Vac RMS minimum, 60 Hz

**Insulation Resistance:** 500 megohms minimum

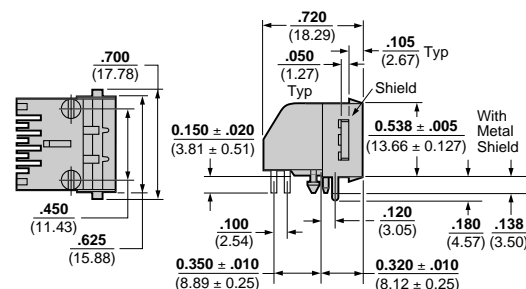
**Contact Resistance:** 30 milliohms maximum

**Operating Temperature:** -55°C to +125°C

## DIMENSIONS

### MJHS- Shielded

#### 8 Positions — Shown with PC ground and shield



## HOW TO ORDER

**MJHS - 8 8 - P - 30**

### Series

Blank = Unshielded

\*S = Shielded

### Number of Positions

6, 8\*

### Number of Contacts

2, 4, 6, 8, 10\*

\*10 available 8P only

### Stops

Blank — No stops

P — With panel stops (standard for shielded version)

### Plating

Blank — 10 microinch gold (Std)

30 — 30 microinch gold

50 — 30 microinch gold

\*NOTE: Pin 1 is located to the extreme left of the latch looking inside of the cavity. Consult factory for recommended panel cutouts and PCB layout.

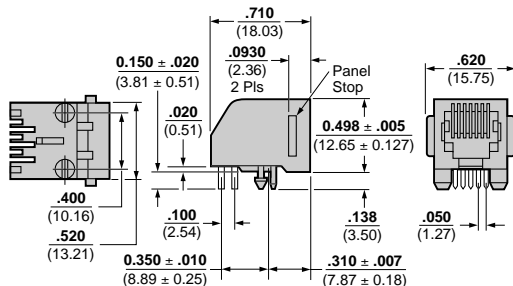
## FEATURES

- Low profile (.498 Height)
- Meets FCC requirements
- UL and CSA approved E107337 and E145613
- 6 and 8 positions
- Non-shielded and partially shielded

## DIMENSIONS

### MJH Non-Shielded

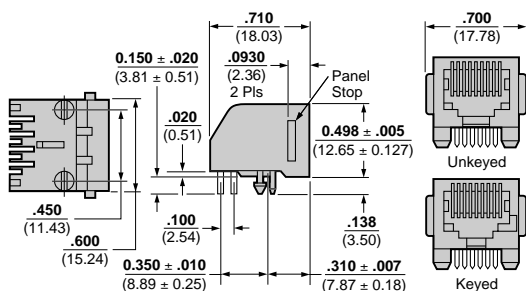
#### 6 Positions — Shown with panel stops



## DIMENSIONS

### MJH Non-Shielded

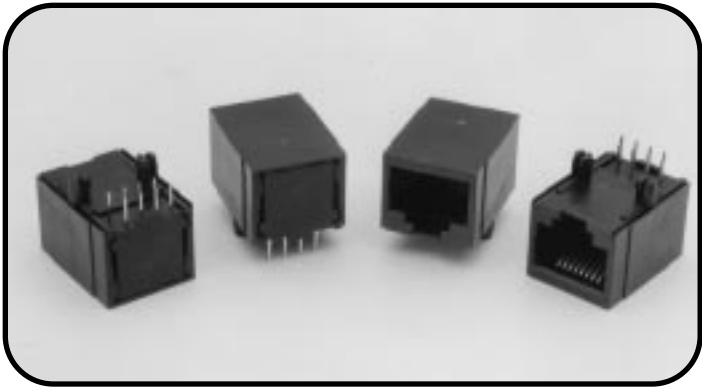
#### 8 Positions — Shown with panel stops



MODULAR JACK CONNECTORS

# MJH-R Series

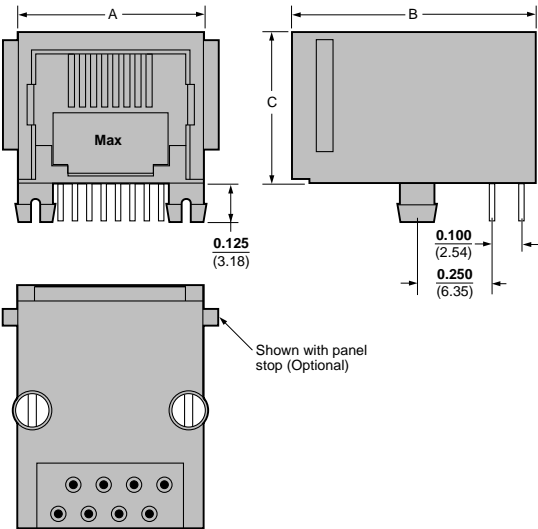
## Single Cavity, Standard Height, Non-Shielded, Shielded



FEATURES

- UL, UL-DUXR and UL-CSA approved E107337 and E145613
- Meets FCC requirements
- Low profile standard height
- Shielded and non-shielded

DIMENSIONS



MAXCONN - [\(Back to Table of Contents\)](#)

Performance Specifications

Materials and Finish

**Housing:** Glass filled polyester, Zytel FR50, UL 94V-0 rated, black

**Contacts:** 0.45mm Phosphor bronze, gold plated (round wire)

or

**Contacts:** 0.35mm Phosphor bronze, gold plated (flat wire)

**Shielding:** 0.25mm thickness copper alloy plated with 90 microinch tin over nickel

Mechanical Characteristics

**Durability:** 1000 mating cycles

Electrical Characteristics

**Contact Current Rating:** 125 V at 1.5 amps maximum

**Contact Resistance:** 30 milliohms maximum

**Dielectric Withstanding Voltage:** 1000 V RMS minimum, 60 Hz

**Insulation Resistance:** 500 megohms minimum

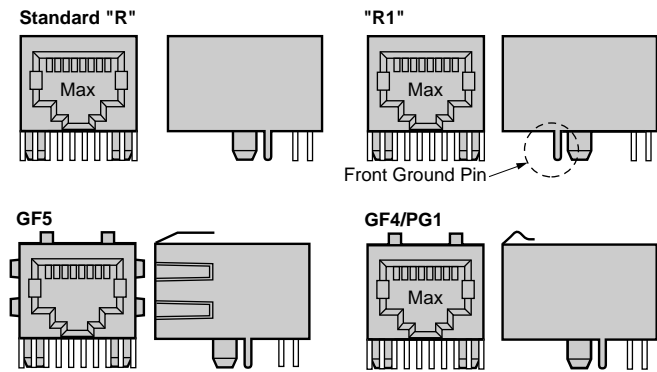
**Operating Temperature :** -40°C to +125°C

No. of Positions	No. of Contacts	Dimensions for Shielded Version				
		A	B	C	D	E
4	4	0.468	0.850	0.537	0.150	0.250
		11.88	21.60	13.63	3.81	6.35
6	6	0.545	0.850	0.537	0.250	0.350
		13.84	21.60	13.63	6.35	8.89
8	8	0.625	0.850	0.537	0.350	0.450
		15.88	21.60	13.63	8.89	11.43
Dimensions for non-shielded Version						
4	4	0.443	0.810	0.500	—	—
		11.26	20.54	12.70		
6	6	0.520	0.810	0.500	—	—
		13.21	20.54	12.70		
8	8	0.600	0.810	0.500	—	—
		15.24	20.54	12.70		

MODULAR JACK CONNECTORS

MJH-R Series  
Single Cavity, Standard Height,  
Non-Shielded, Shielded

PANEL GROUNDING OPTIONS



MAXCONN - [\(Back to Table of Contents\)](#)

HOW TO ORDER

**MJH - R X - X X P - 30**

**Series**  
Blank—Unshielded  
S—Shielded  
Shielded only  
(6 and 8 position)

**Mounting**  
R—Right angle  
R1\*—Right angle ground  
\*Shielded version only

**Category Type**  
Blank—CAT 3/4  
51—Category DT  
52—Category ST

**Number of Positions**  
4, 6 or 8

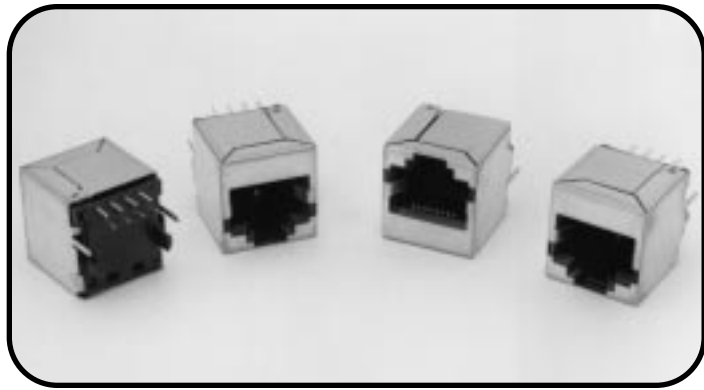
**Number of Contacts**  
4, 6 or 8

**Plating**  
Blank — 10 microinch gold  
30 — 30 microinch gold  
(Standard)  
50 — 50 microinch gold

**Options (Panel Mount)**  
Blank—Standard Option  
P—With panel stop  
(Non-shielded only)  
PG1/GF4—See panel  
grounding option  
GF5—Standard panel  
ground option

## MODULAR JACK CONNECTORS

# MJH-V Series Vertical, Non-Shielded, Shielded

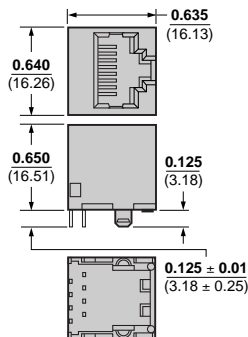


### FEATURES

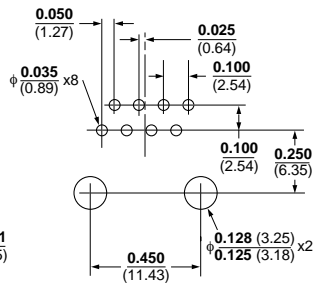
- UL and CSA approved E107337 and E145613
- Meets FCC requirements
- Shielded, non-shielded
- Category 5 next TSB 40

### DIMENSIONS

#### MJH-V Non-Shielded 8 Positions 8 Contacts

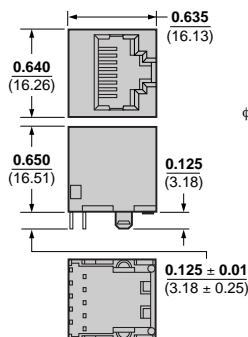


### PCB LAYOUT TOP VIEW

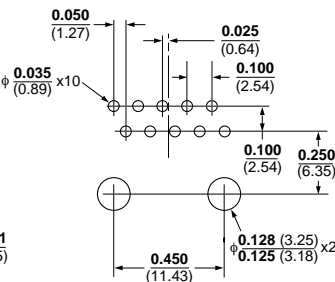


### DIMENSIONS

#### MJH-V Non-Shielded 8 Positions 10 Contacts



### PCB LAYOUT TOP VIEW



## MAXCONN - [\(Back to Table of Contents\)](#)

### Performance Specifications

#### Materials and Finish

**Housing:** Glass filled polyester, UL 94V-0 rated, black

**Shielding:** 0.25mm thickness copper alloy plated with 90 microinch tin

**Contacts:** 0.35mm Phosphor bronze, gold plated

#### Mechanical Characteristics

**Durability:** 1000 mating cycles

**Contact Engagement Force:** 1.60 ounces, maximum

#### Electrical Characteristics

**Current/Voltage:** 150 Vac at 1.5 amps maximum, at 25°C

**Dielectric Withstanding Voltage:** 1000 Vac RMS minimum, 60 Hz

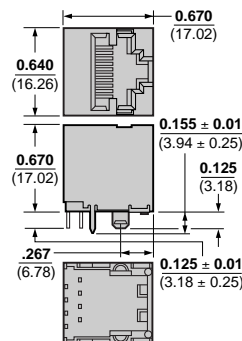
**Insulation Resistance:** 500 megohms minimum

**Contact Resistance:** 30 milliohms maximum

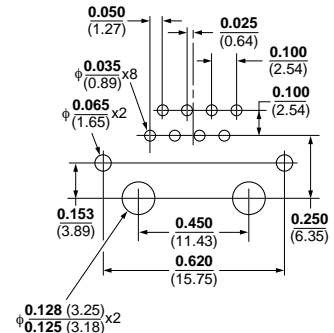
**Operating Temperature:** -40°C to + 125°C

### DIMENSIONS

#### MJHS-V Shielded 8 Positions 8 Contacts

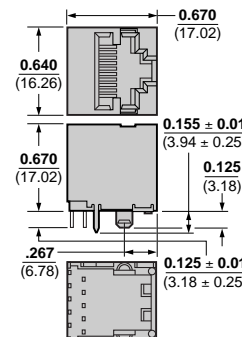


### PCB LAYOUT TOP VIEW

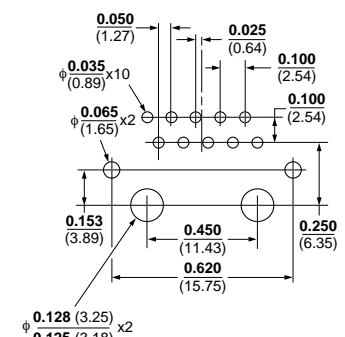


### DIMENSIONS

#### MJHS-V Shielded 8 Positions 10 Contacts



### PCB LAYOUT TOP VIEW



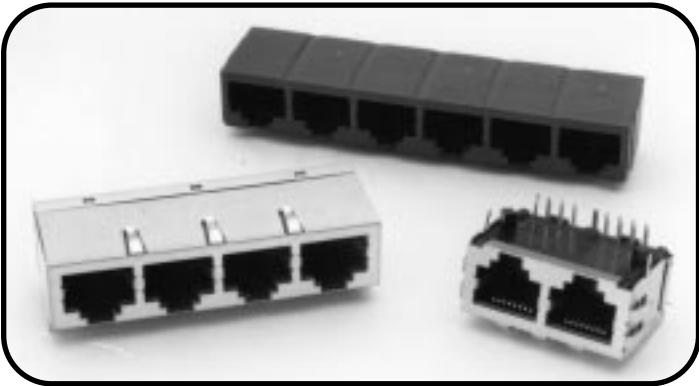
\*NOTE: Pin 1 is located to the extreme left of the latch looking inside of the cavity.  
Consult factory for recommended panel cutouts.

MODULAR JACK CONNECTORS

# MJH-G Series

## Non-Shielded, Shielded

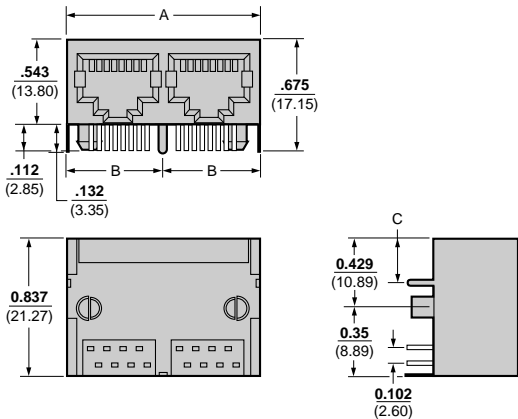
## 2 to 12 Ports



FEATURES

- Low Profile (.543 high)
- 2 thru 12 ports
- Shielded and non-shielded
- Meets FCC requirements
- Non-shielded, shielded
- 1000 mating cycles
- UL and CSA approved E107337 and E145613

DIMENSIONS



MAXCONN - [\(Back to Table of Contents\)](#)

Performance Specifications

Materials and Finish

**Housing:** Glass filled polyester, Zytel FR50, UL 94V-0 rated, black

**Contacts:** 0.35mm phosphor bronze (C5210)

**Plating:** Gold plated with tin leads over nickel

**Shielding:** 0.25mm thickness copper alloy plated with 90 microinch tin

Mechanical Characteristics

**Durability:** 1000 mating cycles

Electrical Characteristics

**Current/Voltage:** 150 Vac at 1.5 amps maximum, at 25°C

**Dielectric Withstanding Voltage:** 1000 Vac RMS minimum, 60 Hz

**Insulation Resistance:** 500 megohms minimum

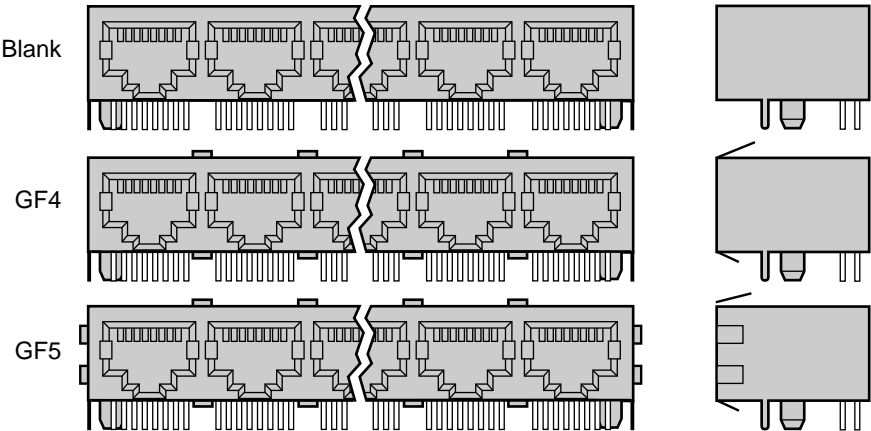
**Contact Resistance:** 30 milliohms maximum

**Operating Temperature:** -40°C to +125°C

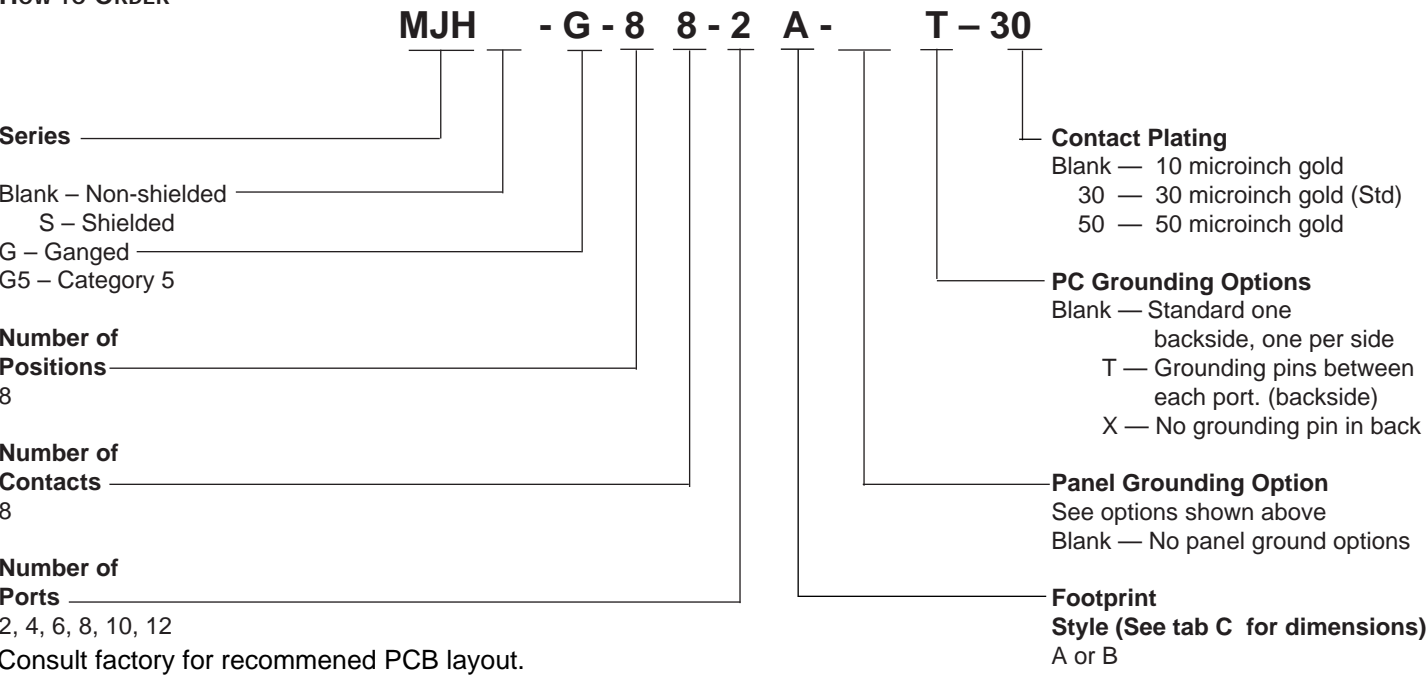
No. of Ports and Style	A		B	C	
	Non-Shielded	Shielded		Style A	Style B
2A, 2B	1.200	1.225	0.60	0.180	0.145
	30.48	31.12	15.24	4.57	3.68
4A, 4B	2.300	2.325	1.150	0.180	0.145
	58.42	59.06	29.21	4.57	3.68
5A, 5B	2.850	2.880	1.425	0.180	0.145
	72.39	73.03	36.195	4.57	3.68
6A, 6B	3.400	3.425	1.700	0.180	0.145
	86.36	87.00	43.18	4.57	3.68
8A, 8B	4.500	4.525	2.250	0.180	0.145
	114.30	114.94	57.15	4.57	3.68
10A, 10B	5.600	5.625	2.800	0.180	0.145
	142.24	142.88	71.12	4.57	3.68
12A, 12B	6.700	6.725	3.350	0.180	0.145
	170.18	170.82	85.09	4.57	3.68

MJH-G Series  
Non-Shielded,Shielded  
2 to 12 Ports

PANEL GROUND OPTIONS

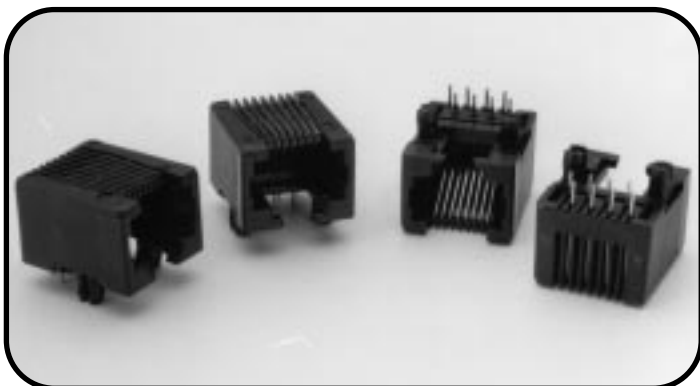


HOW TO ORDER



## MODULAR JACK CONNECTORS

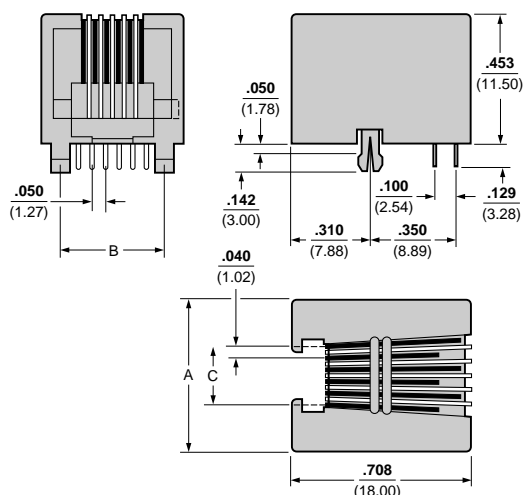
# MJL Series Ultra-Low Profile, (.453 Height) Non-Shielded



### FEATURES

- UL and CSA approved E107337 and E145613
- Meets FCC requirements
- Ultra-low profile
- Non-shielded

### DIMENSIONS



No. of Positions	No. of Contacts	Dimensions		
		A	B	C
4	4	0.440	0.300	0.150
		11.18	7.62	3.81
6	6	0.520	0.400	0.250
		13.20	10.16	6.35
6	4	0.520	0.400	0.250
		13.20	10.16	6.35
6	2	0.520	0.400	0.250
		13.20	10.16	6.35
8	8	0.600	0.450	0.350
		15.24	11.43	8.89
8	6	0.600	0.450	0.250
		15.24	11.43	6.35

## MAXCONN - [\(Back to Table of Contents\)](#)

### Performance Specifications

#### Materials and Finish

**Housing:** Glass filled polyester, UL 94V-0 rated, black

**Contacts:** 0.45mm Phosphor bronze (round wire)

**Contact Finish:** Gold plated over nickel

#### Electrical Characteristics

**Current/Voltage:** 150 Vac at 1.5 amps maximum, at 25°C

**Dielectric Withstanding Voltage:** 1000 Vac RMS minimum, 60 Hz

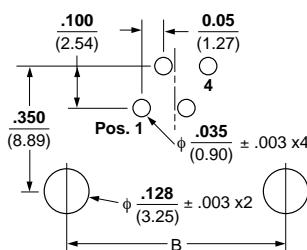
**Insulation Resistance:** 500 megohms minimum

**Contact Resistance:** 30 milliohms maximum

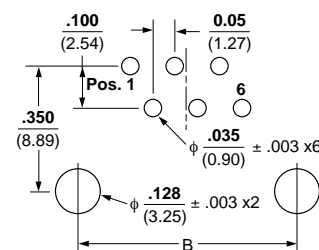
**Operating Temperature:** -55°C to +125°C

### PCB LAYOUT

#### 4 Positions Top View

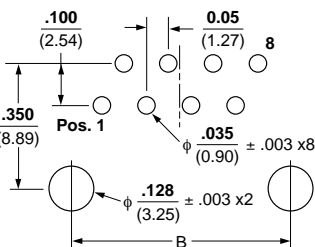


#### 6 Positions Top View



### PCB LAYOUT

#### 8 Positions Top View



### HOW TO ORDER

<b>Series</b>	<b>MJL - 8 8 -</b>
<b>Number of Positions</b>	4, 6, 8
<b>Number of Contacts</b>	2, 4, 6, 8
<b>Contact Plating</b>	Blank — 10 microinch gold (Standard) 30 — 30 microinch gold 50 — 50 microinch gold



MODULAR JACK CONNECTORS

# MJL-G Series

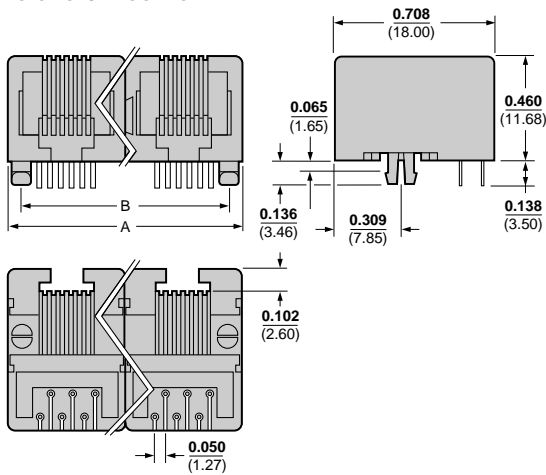
## Gang Ultra-Low Profile Height, Non-Shielded, Shielded



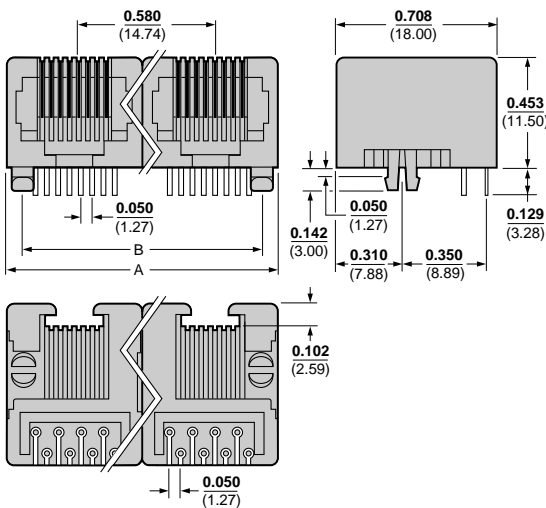
FEATURES

- UL and CSA approved E107337 and E145613
- Meets FCC requirements
- Ultra-low profile
- Optional shielding

DIMENSIONS 6-POSITION



DIMENSIONS 8-POSITION



MAXCONN - [\(Back to Table of Contents\)](#)

Performance Specifications

Materials and Finish

**Housing:** Glass filled polyester, UL 94V-0 rated, black

**Contacts:** 0.45mm Phosphor bronze, round wire

**Contacts Finish:** Gold plated entire contact over nickel

Mechanical Characteristics

**Durability:** 1000 mating cycles

Electrical Characteristics

**Contact Current Rating:** 150 V at 1.5 amps maximum, at 25°C

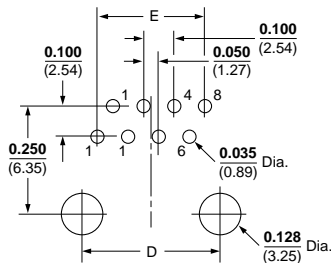
**Contact Resistance:** 30 milliohms maximum

**Dielectric Withstanding Voltage:** 1000 V RMS minimum, 60 Hz

**Insulation Resistance:** 500 megohms minimum

**Operating Temperature:** -55°C to +125°C

PCB Layout (Top View)



HOW TO ORDER

**MJL \* - G - XX - X - X**

**Series** \_\_\_\_\_

**\*Shielded** \_\_\_\_\_

**Ganded** \_\_\_\_\_

**Number of Positions** \_\_\_\_\_  
6 or 8

**Number of Contacts** \_\_\_\_\_  
4, 6 or 8

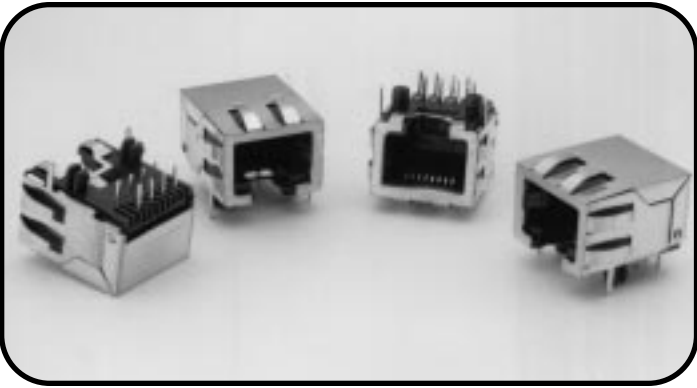
**Number of Ports** \_\_\_\_\_  
2, 3, 4, 6 or 8

**Contact Plating** \_\_\_\_\_  
Blank—10 microinch gold(Standard)  
30—30 microinch gold  
50—50 microinch gold

## MODULAR JACK CONNECTORS

# MJLS Series

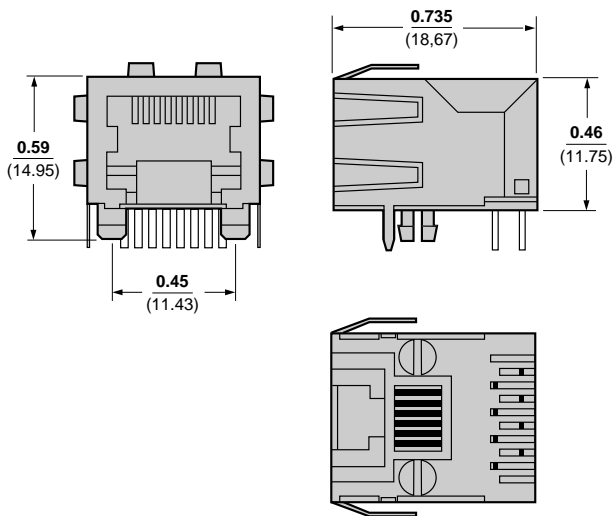
## Ultra-Low Profile, (.460 Height) Shielded



### FEATURES

- UL and CSA approved E107337 and E145613
- Fully shielded
- Enhanced grounding flange
- Available in 4, 6, 8 and 10 positions

### DIMENSIONS



## MAXCONN - [\(Back to Table of Contents\)](#)

### Performance Specifications

#### Materials and Finish

**Housing:** Glass filled polyester, Zytel FR50, UL 94V-0 rated, black

**Contacts:** 0.35mm Phosphor bronze, gold plated with tin leads over nickel

**Shielding:** 0.25mm thickness copper alloy plated with 90 microinch tin

#### Mechanical Characteristics

**Durability:** 1000 mating cycles

#### Electrical Characteristics

**Current/Voltage:** 150 Vac at 1.5 amps maximum, at 25°C

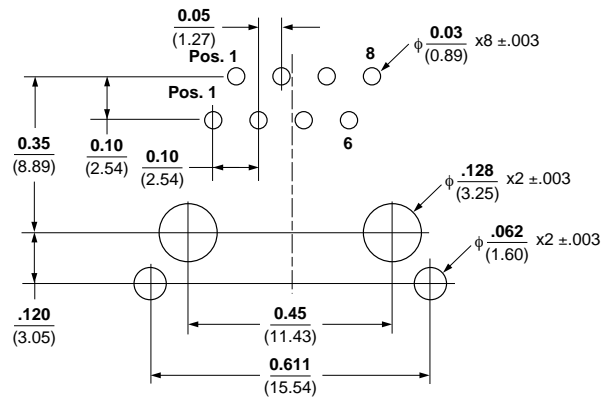
**Dielectric Withstanding Voltage:** 1000 Vac RMS minimum, 60 Hz

**Insulation Resistance:** 500 megohms minimum

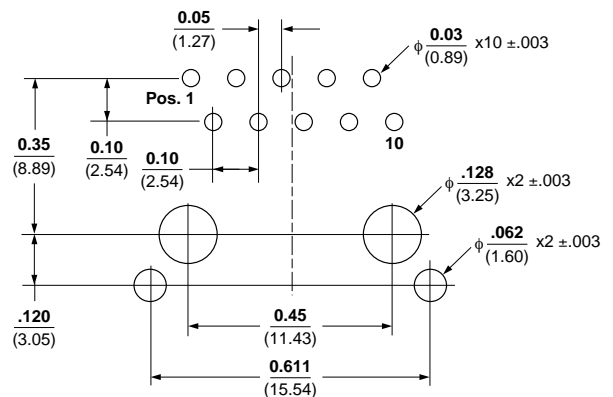
**Contact Resistance:** 30 milliohms maximum

**Operating Temperature:** -40°C to +125°C

### PCB Layout — 6P6C and 8P8C Top View



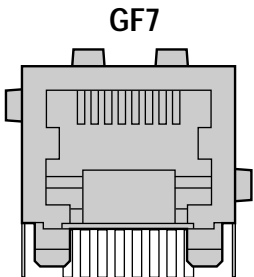
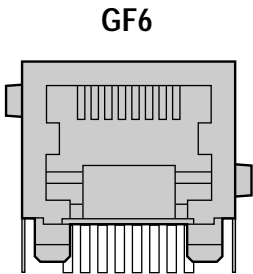
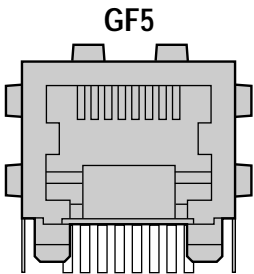
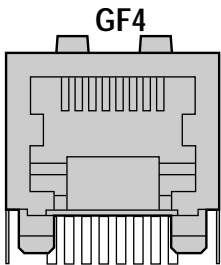
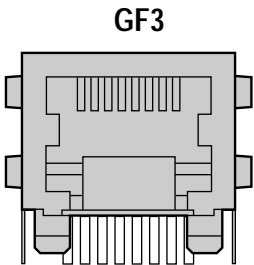
### PCB Layout — 8P10C Top View



MODULAR JACK CONNECTORS

MJLS Series  
Ultra-Low Profile (.460 hieght)  
Fully Shielded with Enhanced  
Ground Flanges

MAXCONN - [\(Back to Table of Contents\)](#)



HOW TO ORDER

**MJLS - 8 8 GF3 -**

**Series** — Shielded

**Number of Positions** — 4, 6, 8

**Number of Contacts** — 2, 4, 6, 8, 10

**Panel Grounding Flange** —

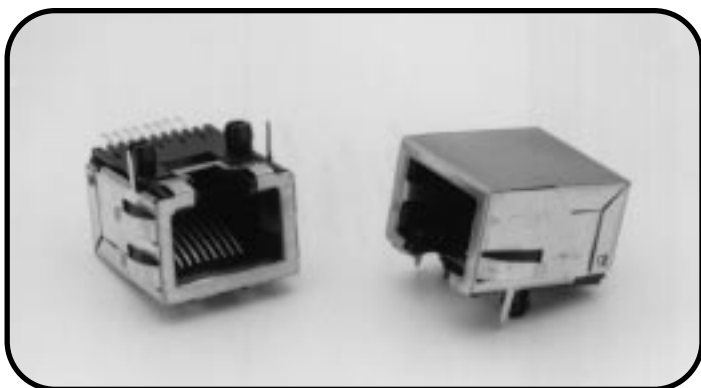
**Plating (Gold)**  
Blank — 15 microinch  
30 — 30 microinch (Std)  
50 — 50 microinch

Blank No grounding flange  
GF3 Ground tabs (2 both sides)  
GF4 Ground tabs (2 per top, 0 sides)  
GF5 Grounding (top/sides)  
GF6 Ground tabs (1 top left, 1 bottom right)  
GF7 Ground tabs (2 top, 1 top left, 1 bottom right)

# MJLSS Series

## Ultra-Low Profile, (.460 Height)

## Surface Mount, Shielded, Non-Shielded



### Performance Specifications

#### Materials and Finish

**Housing:** Glass filled polyester, Zytel FR50, UL 94V-0 rated, black

**Contacts:** 0.35mm Phosphor bronze, gold plated with tin leads over nickel

**Shielding:** 0.25mm thickness copper alloy plated with 90 microinch tin

#### Mechanical Characteristics

**Durability:** 1000 mating cycles

#### Electrical Characteristics

**Current/Voltage:** 150 Vac at 1.5 amps maximum at 25°C

**Dielectric Withstanding Voltage:** 1000 Vac RMS minimum, 60 Hz

**Insulation Resistance:** 500 megohms minimum

**Contact Resistance:** 30 milliohms maximum

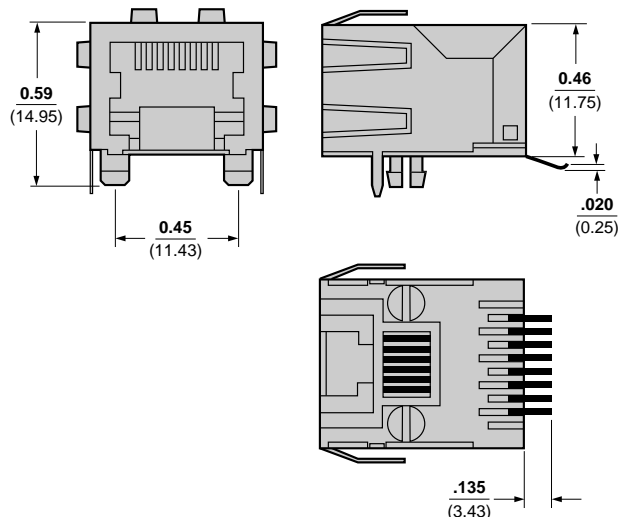
**Operating Temperature:** -40°C to +125°C

**Melting Point:** 250 to 260°C

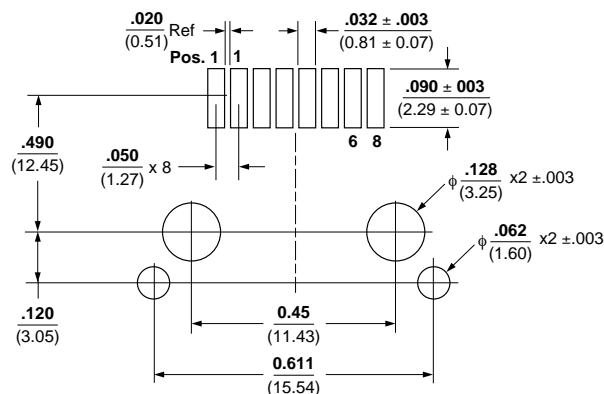
### FEATURES

- UL and CSA approved E107337 and E145613
- Fully shielded
- Enhanced grounding flange
- Available in 4, 6, 8 or 10 contacts
- Surface mount
- High temperature plastic

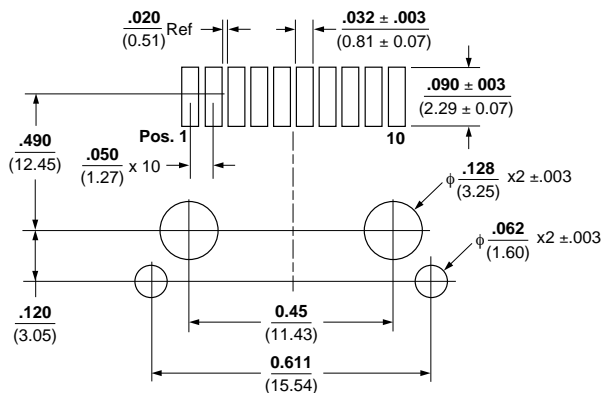
### DIMENSIONS



### PCB Layout — 6P6C and 8P8C Top View

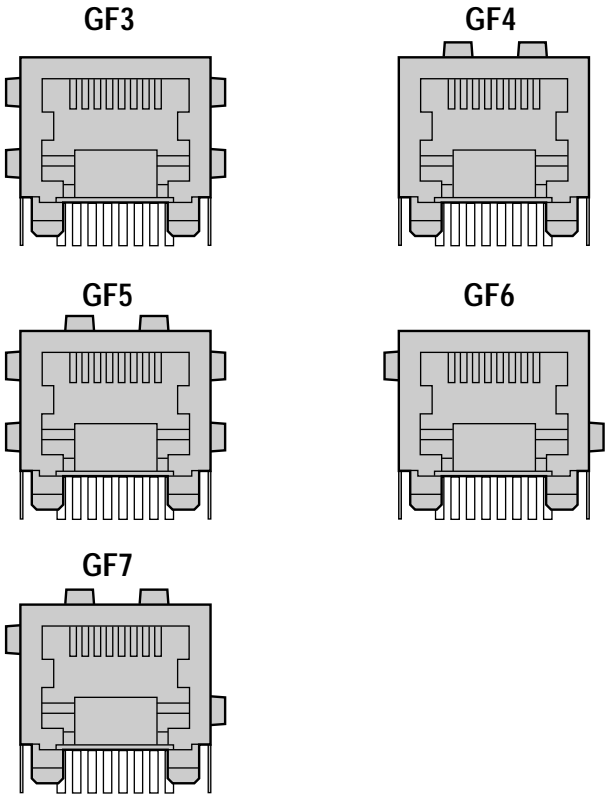


### PCB Layout — 8P10C Top View



MODULAR JACK CONNECTORS

MJLSS Series  
Ultra-Low Profile (.460 hieght)  
Surface Mount  
Fully Shielded and Non-shielded  
with Enhanced Grounding Flanges



MAXCONN - (Back to Table of Contents)

HOW TO ORDER

**MJLS - S - 8 8 - ST - GF3 - 30**

**Series**  
Shielded

**SMT**  
S — Surface monut

**Number of Positions**  
4, 6, 8

**Number of Contacts**  
2, 4, 6, 8, 10

**PCB Options**  
ST — Solder Tab  
STP — Solder tab with PCB locator  
Blank – Standard through hole pin

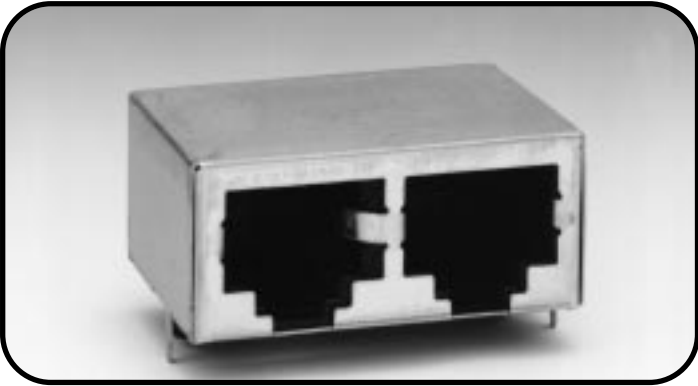
**Plating (Gold)**  
Blank — 15 microinch  
30 — 30 microinch (Standard)  
50 — 50 microinch

**\*Panel Grounding Flange**  
Blank No grounding flange  
GF3 Ground tabs (2 both sides)  
GF4 Ground tabs (2 per top, 0 sides)  
GF5 Grounding (top/sides)  
GF6 Ground tabs (1 top left, 1 bottom right)  
GF7 Ground tabs (2 top, 1 top left, 1 bottom right)

\*Panel grounding options only available in 8-position cavity.

## MODULAR JACK CONNECTORS

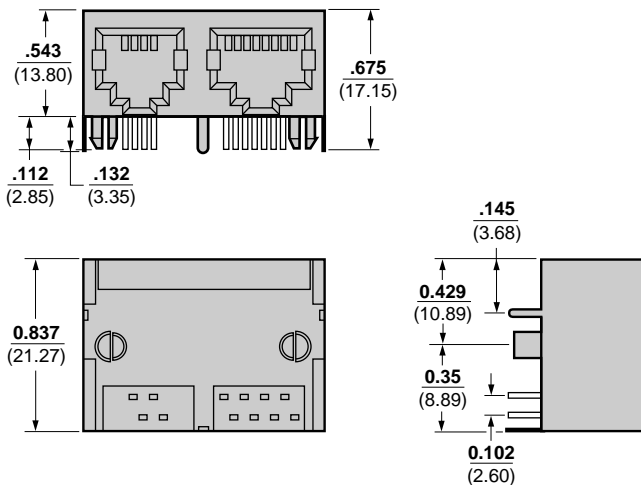
# MJH-C Series RJ11/RJ45 Combination, Low Profile, .543 High



### FEATURES

- Meets FCC and UL specifications
- Low profile .543 High
- Non-shielded, shielded
- 1000 mating cycles

### DIMENSIONS



## MAXCONN - [\(Back to Table of Contents\)](#)

### Performance Specifications

#### Materials and Finish

**Housing:** Glass filled polyester, UL 94V-0 rated, black

**Contacts:** 0.35mm Phosphor bronze, gold plated

**Shielding:** 0.25mm thickness copper alloy plated with 90 microinch tin

#### Mechanical Characteristics

**Durability:** 1000 mating cycles

**Contact Engagement Force:** 1.60 ounces, maximum

#### Electrical Characteristics

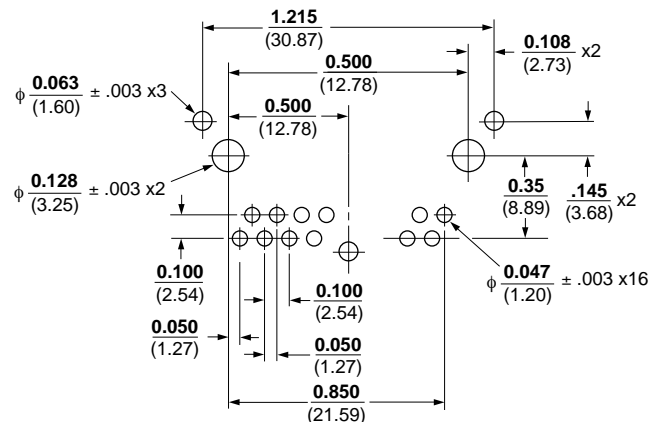
**Current/Voltage:** 150 Vac at 1.5 amps maximum at 25°C

**Dielectric Withstanding Voltage:** 1000 Vac RMS minimum, 60 Hz

**Insulation Resistance:** 500 megohms minimum

**Temperature Rating:** -55° C to +125° C

### PCB Layout



### HOW TO ORDER

**MJH - C - 6 6 / 8 6 - 2B**

#### Series

Blank – Non-Shielded  
S – Shielded

#### Combination

#### Number of Positions

6

#### Number of Contacts

2, 4, 6

#### Positions

6

#### Plating

Blank – 10 microinch gold  
30 – 30 microinch gold  
50 – 50 microinch gold

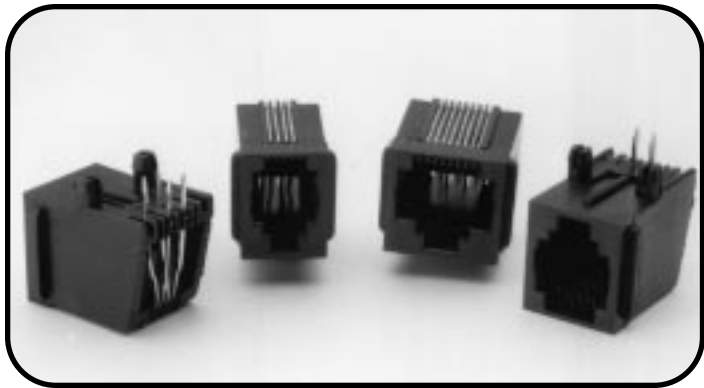
#### 2 Port

#### Contacts

6 or 8

MODULAR JACK CONNECTORS
MJA Series
Right Angle, PC Mount

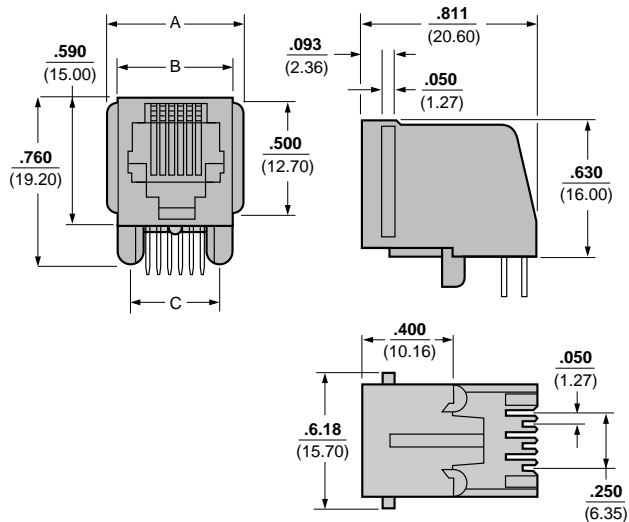
MAXCONN -
(Back to Table of Contents)



FEATURES

- UL and CSA approved E107337 and E145613
  - Meets FCC requirements
  - Non-shielded
  - 4, 6 and 8 positions

DIMENSIONS



Positions	A	B	C	D
4	0.540	0.440	0.300	0.150
	13.70	11.18	7.62	3.81
6	0.618	0.520	0.400	0.250
	15.70	13.21	10.16	6.35
8	0.700	0.600	0.450	0.350
	17.78	15.24	11.43	8.89

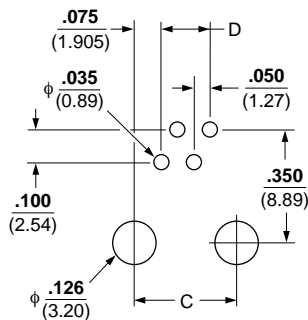
Performance Specifications

Materials and Finish

Housing: Glass filled polyester, UL 94V-0 rated, black
Contacts: 0.35mm Phosphor bronze, gold plated with tin leads
Electrical Characteristics

Current/Voltage: 150 Vac at 1.5 amps maximum at 25°C
Dielectric Withstanding Voltage: 1000 Vac RMS minimum, 60 Hz
Insulation Resistance: 500 megohms minimum
Contact Resistance: 20 milliohms maximum
Operating Temperature: -55°C to +125°C

PCB LAYOUT TOP VIEW



HOW TO ORDER

MJA - 4 4 - 30

Series

Number of Positions

Number of Contacts

Contact Plating

Blank —6 microinch gold (Standard)

30 — 30 microinch gold

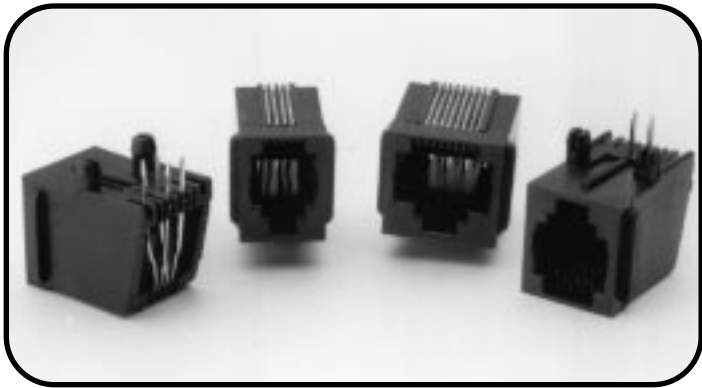
50 — 50 microinch gold

# MODULAR JACK CONNECTORS

## MJB Series

### Right Angle, PC Mount

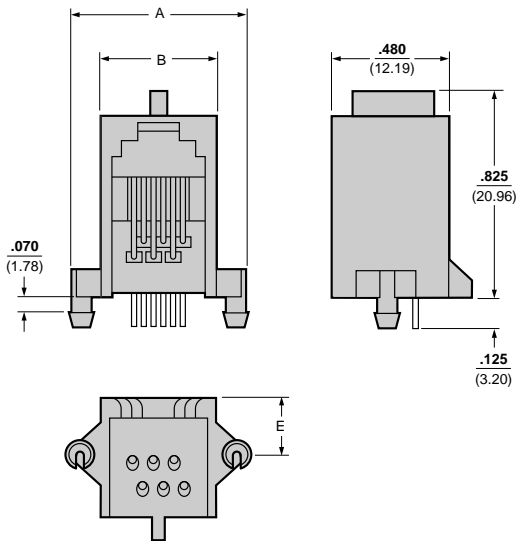
MAXCONN - [\(Back to Table of Contents\)](#)



#### FEATURES

- UL and CSA approved E107337 and E145613
- Meets FCC requirements
- Non-shielded
- 4, 6 and 8 positions

#### DIMENSIONS



Positions	A	B	C	D	E
4	0.730 18.54	0.480 12.19	0.625 15.88	0.120 3.06	0.225 5.72
6	0.730 18.54	0.480 12.19	0.625 15.88	0.200 5.08	0.225 5.77
8	0.730 18.54	0.630 16.00	0.630 16.00	0.280 7.12	0.315 8.00

#### Performance Specifications

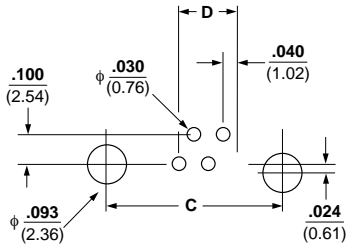
##### Materials and Finish

**Housing:** Glass filled polyester, UL 94V-0 rated, black  
**Contacts:** 0.45 mm Phosphor bronze, gold plated round wire

##### Electrical Characteristics

**Current/Voltage:** 150 Vac at 1.5 amps maximum at 25°C  
**Dielectric Withstanding Voltage:** 1000 Vac RMS minimum, 60 Hz  
**Insulation Resistance:** 500 megohms minimum  
**Contact Resistance:** 20 milliohms maximum  
**Operating Temperature:** -55°C to +125°C

#### PCB LAYOUT TOP VIEW



#### HOW TO ORDER

**MJB - 4 4 - 30**

**Series** — MJB

**Number of Positions** — 4, 6, 8

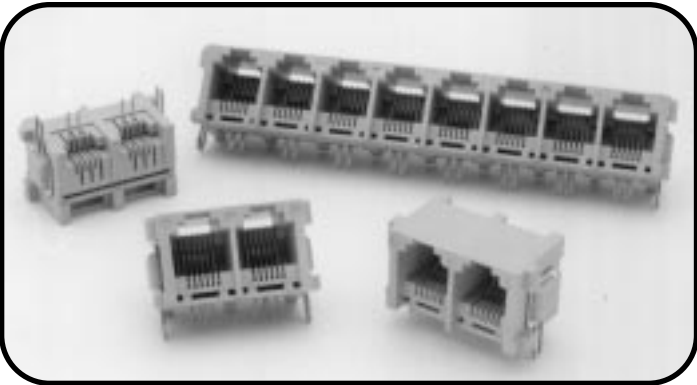
**Number of Contacts** — 2, 4, 6, 8

**Contact Plating**  
Blank — 6 microinch gold (Standard)  
30 — 30 microinch gold  
50 — 50 microinch gold



MODULAR JACK CONNECTORS

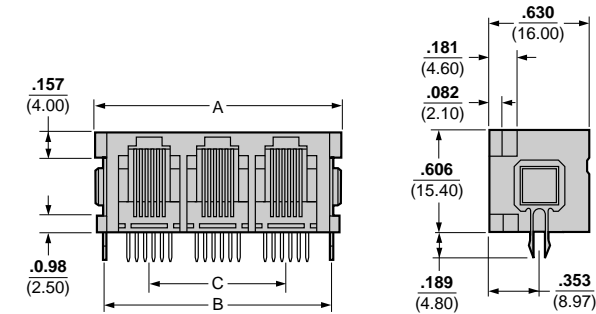
MJG Series  
6 or 8 Position, Right Angle,  
Ganged, Non-Shielded



FEATURES

- UL and CSA approved E107337 and E145613
- Meets FCC requirements

DIMENSIONS



6 Position Number of Ports								
Dimensions	2	3	4	5	6	7	8	
A	1.110	1.543	1.9761	2.410	2.842	3.275	3.710	
	28.20	39.20	50.20	61.20	72.20	83.20	94.20	
B	0.992	1.425	1.860	2.290	2.724	3.157	3.590	
	25.20	36.20	47.20	58.20	69.20	80.20	91.20	
C	0.433	0.866	1.299	1.732	2.165	2.598	3.030	
	11.00	22.00	33.00	44.00	55.00	66.00	77.00	

8 Position Number of Ports				
Dimensions	1	2	3	4
A	0.759	1.271	1.783	2.294
	19.28	32.28	45.28	58.28
B	0.622	1.134	1.646	2.157
	15.80	28.80	41.80	54.80
C		0.512	1.024	1.535
		13.00	26.00	39.00

MAXCONN - (Back to Table of Contents)

Performance Specifications

Materials and Finish

Housing: Glass filled polyester, UL 94V-0 rated, gray

Contacts: 0.45 mm Phosphor bronze, gold plated, round wire

Mechanical

Mounting Bracket: Phosphor bronze, tin plated

Electrical Characteristics

Current/Voltage: 150 Vac at 1.5 amps maximum at 25°C

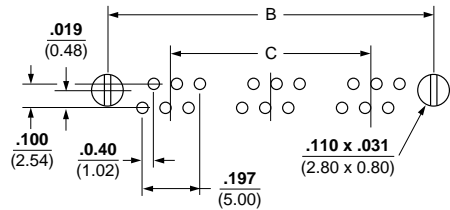
Dielectric Withstanding Voltage: 1000 Vac RMS minimum, 60 Hz

Insulation Resistance: 500 megohms minimum

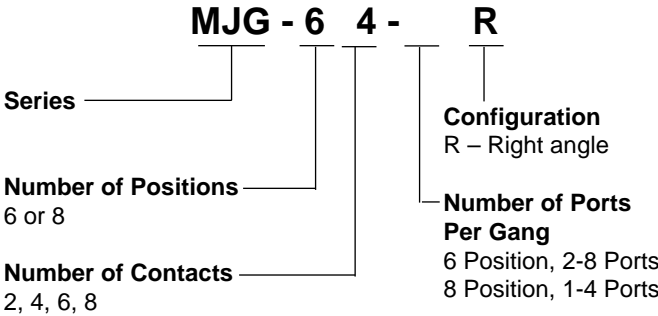
Contact Resistance: 20 milliohms maximum

Operating Temperature: -55° C to + 125° C

PCB LAYOUT TOP VIEW



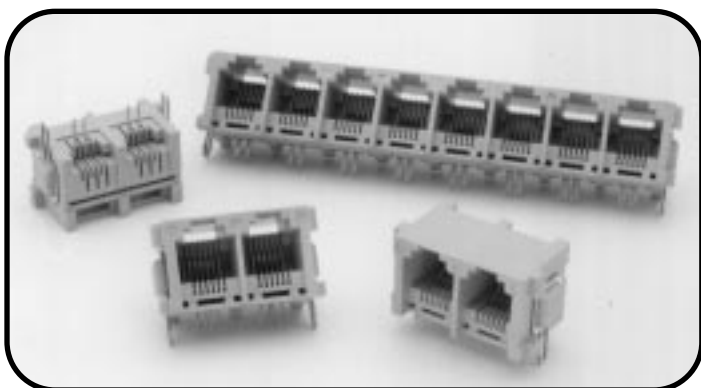
HOW TO ORDER



## MODULAR JACK CONNECTORS

# MJG Series

## 6 or 8 Position, Vertical, Ganged, Non-Shielded



### FEATURES

- UL and CSA approved E107337 and E145613
- Meets FCC requirements

MAXCONN - [\(Back to Table of Contents\)](#)

### Performance Specifications

#### Materials and Finish

**Housing:** Glass filled polyester, UL 94V-0 rated, gray

**Contacts:** 0.45 mm Phosphor bronze, gold plated, round wire

#### Mechanical

**Mounting Bracket:** Phosphor bronze, tin plated

#### Electrical Characteristics

**Current/Voltage:** 150 Vac at 1.5 amps maximum at 25°C

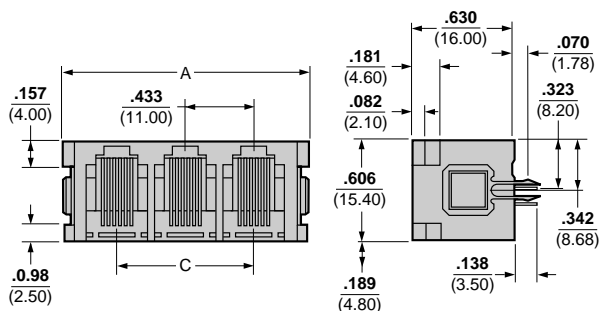
**Dielectric Withstanding Voltage:** 1000 Vac RMS minimum, 60 Hz

**Insulation Resistance:** 500 megohms minimum

**Contact Resistance:** 20 milliohms maximum

**Operating Temperature:** -55° C to + 125° C

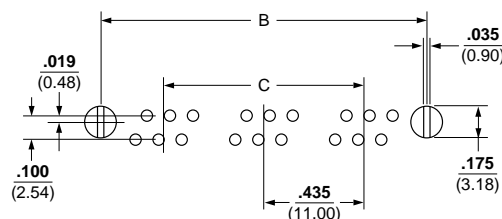
### DIMENSIONS



6 Position Number of Ports							
Dimensions	2	3	4	5	6	7	8
A	1.110 28.20	1.543 39.20	1.976 50.20	2.410 61.20	2.842 72.20	3.275 83.20	3.710 94.20
B	0.992 25.20	1.425 36.20	1.860 47.20	2.290 58.20	2.724 69.20	3.157 80.20	3.590 91.20
C	0.433 11.00	0.866 22.00	1.299 33.00	1.732 44.00	2.165 55.00	2.598 66.00	3.030 77.00

8 Position Number of Ports				
Dimensions	1	2	3	4
A	0.759 19.28	1.271 32.28	1.783 45.28	2.294 58.28
B	0.622 15.80	1.134 28.80	1.646 41.80	2.157 54.80
C		0.512 13.00	1.024 26.00	1.535 39.00

### PCB LAYOUT TOP VIEW



### HOW TO ORDER

	MJG	6	4	-	-	V
Series						
Number of Positions 6 or 8						
Number of Contacts 2, 4, 6, 8						
Configuration V – Vertical						
Number of Ports Per Gang 6 Position, 2-8 Ports 8 Position, 1-4 Ports						

MODULAR JACK CONNECTORS

# MJF Series

Right Angle, PC Mount

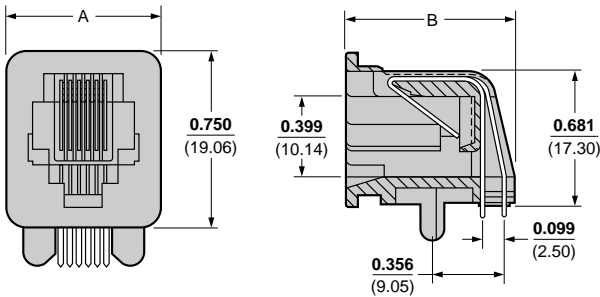
MAXCONN - [\(Back to Table of Contents\)](#)



FEATURES

- UL and CSA approved E107337 and 145613
- Meets FCC requirements
- Non-shielded

DIMENSIONS



Positions	A	B	C
4	0.570 14.48	0.810 20.57	0.288 7.31
6	0.650 16.51	0.810 20.57	0.388 9.85
8	0.730 18.54	0.810 20.57	0.488 12.39

Performance Specifications

Materials and Finish

**Housing:** Glass filled polyester, UL 94V-0 rated, black

**Contacts:** Phosphor bronze, gold plated

Electrical Characteristics

**Current/Voltage:** 150 Vac at 1.5 amps maximum at 25°C

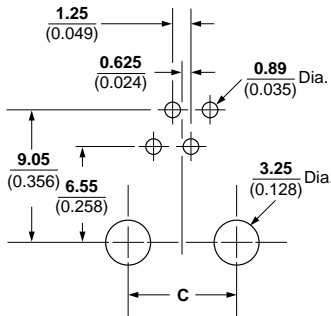
**Dielectric Withstanding Voltage:** 1000 Vac RMS minimum, 60 Hz

**Insulation Resistance:** 500 megohms minimum

**Contact Resistance:** 30 milliohms maximum

**Operating Temperature:** -55° C to + 125° C

PCB LAYOUT TOP VIEW



HOW TO ORDER

**MJF - 4 4 - 30**

**Series** —————

**Number of Positions** —————

**Number of Contacts** —————

**Contact Plating**  
Blank —6 microinch gold  
(Standard)  
30 — 30 microinch gold  
50 — 50 microinch gold

# MODULAR JACK CONNECTORS

## MJM Series

### Right Angle, PC Mount

**MAXCONN - (Back to Table of Contents)**



## Performance Specifications

### Materials and Finish

**Housing:** Glass filled polyester, UL 94V-0 rated, gray

**Contacts:** 0.45mm Phosphor bronze, gold plated, round wire

### Mechanical Characteristics

**Contact Engagement Force:** 1.60 ounces, maximum

### Electrical Characteristics

**Current/Voltage:** 150 Vac at 1.5 amps maximum at 25°C

**Dielectric Withstanding Voltage:** 1000 Vac RMS minimum, 60 Hz

**Insulation Resistance:** 500 megohms minimum

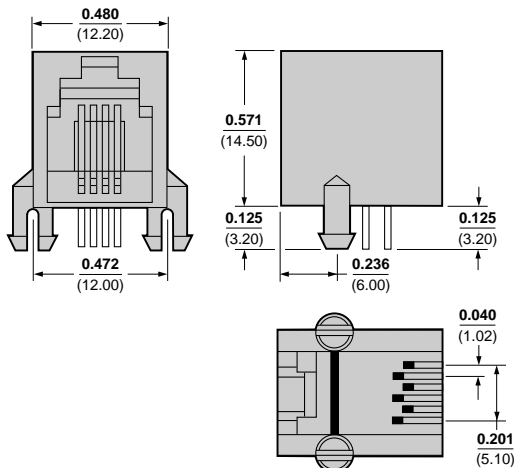
**Operating Temperature:** -55° C to + 125° C

## FEATURES

- Meets FCC specifications
- UL, and CSA approved E107337 and E145613
- Top latch

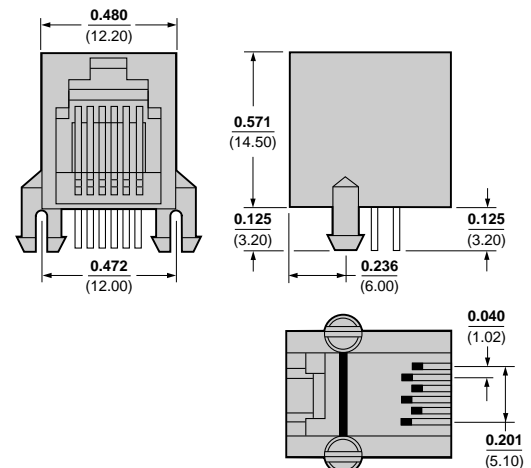
## DIMENSIONS

### MJM 6P4C (Shown)



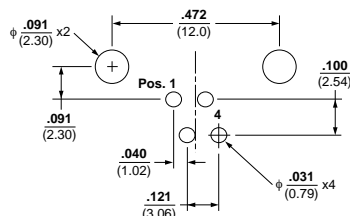
## DIMENSIONS

### MJM 6P6C (Shown)

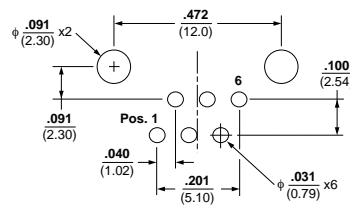


## PCB Layout

### 6 Positions, 4 Contacts



### 6 Positions, 6 Contacts



## HOW TO ORDER

Series	Number of Positions	Number of Contacts	Contact Plating	Cable
MJM - 8	4, 6, 8	2, 4, 6, 8	1 — 10 microinch gold (Standard)	Blank — Without flange
8			2 — 30 microinch gold	F — Flange
F - 2			3 — 50 microinch gold	

# MJP Series

## Vertical, PC Mount



### Performance Specifications

#### Materials and Finish

**Housing:** Glass filled polyester, UL 94V-0 rated, black  
**Contacts:** 0.45 mm phosphor bronze, gold plated, round wire

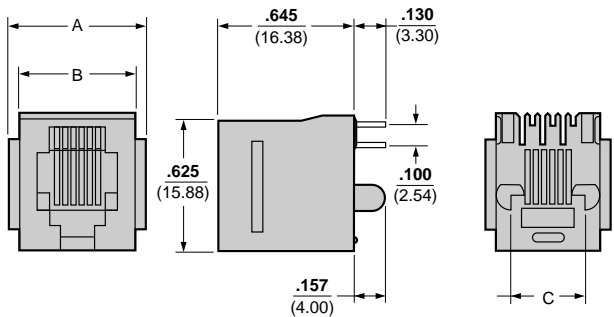
#### Electrical Characteristics

**Current/Voltage:** 150 Vac at 1.5 amps maximum at 25°C  
**Dielectric Withstanding Voltage:** 1000 Vac RMS minimum, 60 Hz  
**Insulation Resistance:** 500 megohms minimum  
**Contact Resistance:** 20 milliohms maximum  
**Operating Temperature:** -55°C to +125°C

### FEATURES

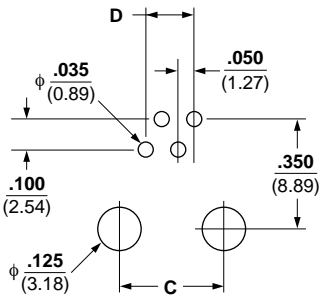
- UL and CSA approved E107337 and E145613
- Meets FCC requirements
- Non-shielded
- 4, 6 and 8 positions

### DIMENSIONS



Positions	A	B	C	D
4	0.550	0.450	0.300	0.150
	13.97	11.43	7.62	3.81
6	0.630	0.530	0.400	0.250
	16.00	13.46	10.16	6.35
8	0.70	0.605	0.465	0.350
	17.84	15.36	11.80	8.89

### PCB LAYOUT TOP VIEW



### HOW TO ORDER

**MJP - 4 4 - 30**

**Series** — MJP

**Number of Positions** — 4, 6, 8

**Number of Contacts** — 2, 4, 6, 8

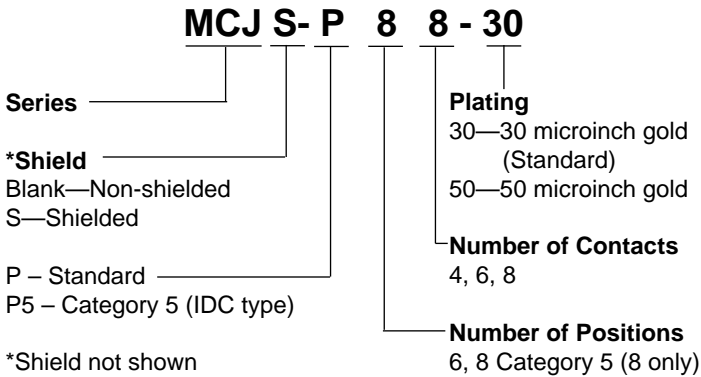
**Contact Plating**  
Blank — 6 microinch gold (Standard)  
30 — 30 microinch gold  
50 — 50 microinch gold

# MCJ-P Series IDC Panel Jack

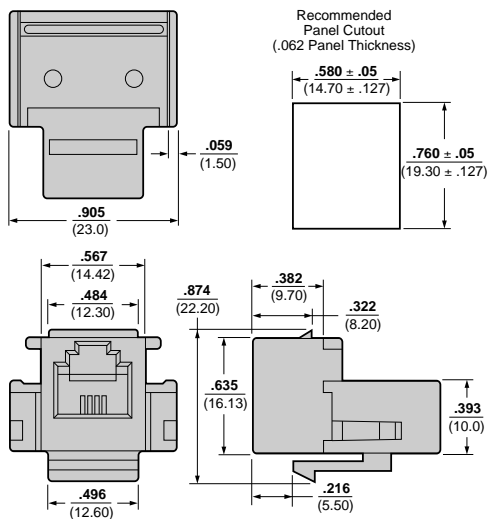
## FEATURES

- Meets FCC specifications
- UL and CSA approved E107337 and E145613
- Meets Category 5 Next TSB 40

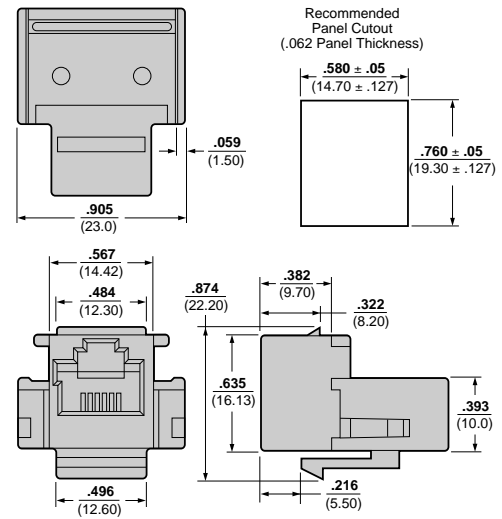
## HOW TO ORDER



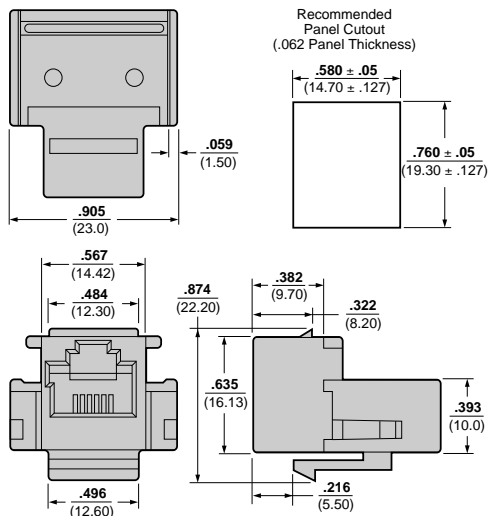
## DIMENSIONS — 6 POSTION 4 CONTACT



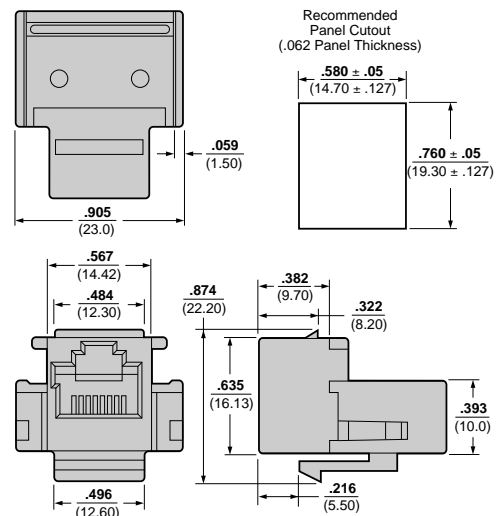
## DIMENSIONS — 8 POSTION 6 CONTACT



## DIMENSIONS — 6 POSTION 6 CONTACT



## DIMENSIONS — 8 POSTION 8 CONTACT



## Performance Specifications

### Materials and Finish

**Housing:** Glass filled polyester, UL 94V-0 rated, black

**Contacts:** 0.35mm Phosphor bronze, gold plated

### Mechanical Characteristics

**Durability:** 1000 mating cycles

**Contact Engagement Force:** 1.60 ounces, maximum

### Electrical Characteristics

**Current/Voltage:** 150 Vac at 1.5 amps maximum at 25°C

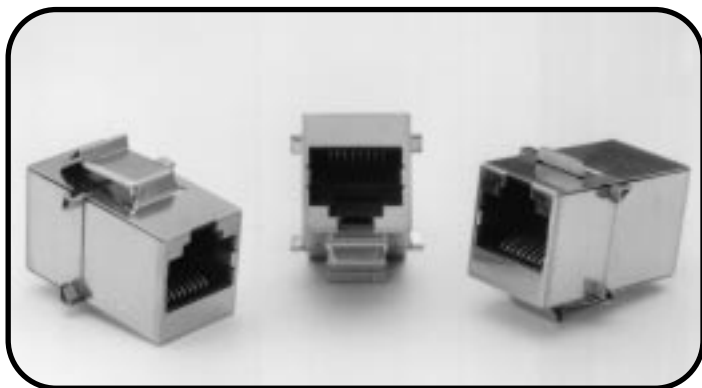
**Dielectric Withstanding Voltage:** 1000 Vac RMS minimum, 60 Hz

**Insulation Resistance:** 500 megohms minimum

**Operating Temperature:** -55° C to + 125° C

## MODULAR JACK COUPLERS

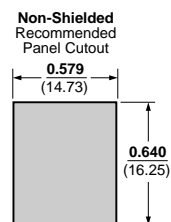
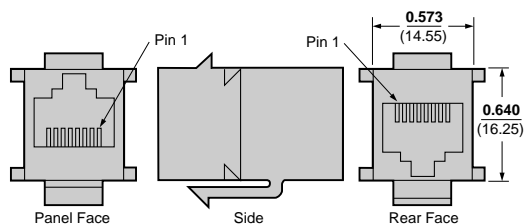
# MJC-88 Series Modular Jack Coupler Non-Shielded, Shielded



## FEATURES

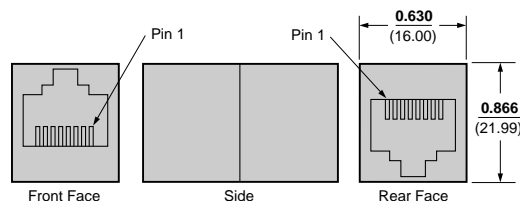
- Meets FCC requirements
- Non-shielded, shielded
- 6 and 8 position cavity sizes
- UL and CSA approved E107337 and E145613

## DIMENSIONS



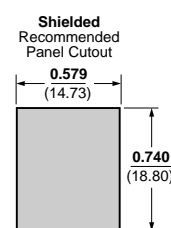
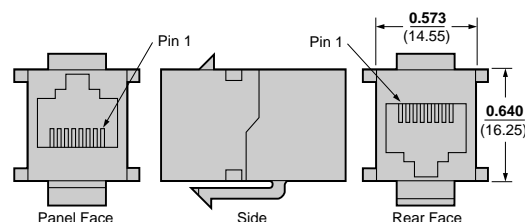
Wiring Diagram

1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8



Wiring Diagram Inverse

1	8
2	7
3	6
4	5
5	4
6	3
7	2
8	1



Wiring Diagram

1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8

## HOW TO ORDER

**MJC S - 88 - 1 - 0 - 30**

### Series

**NP** – Non-panel series  
(Inverse only)  
**S** – Shielded  
(Panel mount only)

**Number of Positions/Contacts**  
6P4C, 6P6C, 8P8C

### Wiring

Blank – 1 to 1  
1 – Inverse (non-panel mount only)

### Gold Plating

Blank – 10 microinch  
30 – 30 microinch  
(Standard)  
50 – 50 microinch

### Color (Non-shielded)

0 – Black  
1 – Beige  
2 – Red  
4 – Yellow  
5 – Green  
9 – White

MAXCONN - [\(Back to Table of Contents\)](#)

## Performance Specifications

### Materials and Finish

**Housing:** Glass filled polyester, UL 94V-0 rated, black

**Contacts:** 0.35mm phosphor bronze, gold plated

**Shielding:** 0.25mm thickness copper alloy plated with 90 microinch tin

### Mechanical Characteristics

**Durability:** 1000 mating cycles

### Electrical Characteristics

**Current/Voltage:** 150 Vac at 1.5 amps maximum at 25°C

**Dielectric Withstanding Voltage:** 1000 Vac RMS minimum, 60 Hz

**Insulation Resistance:** 500 megohms minimum

**Contact Resistance:** 30 milliohms maximum

**Operating Temperature:** -55°C to +125°C

## MODULAR PLUG CONNECTORS

# MP Series Non-Shielded, Shielded



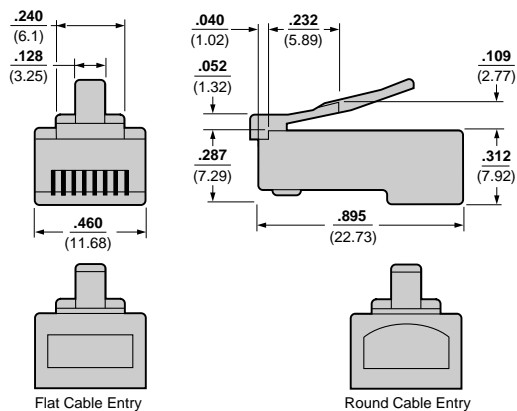
### FEATURES

- UL and CSA approved E107337 and E145613
- Meets FCC requirements
- Flat and round cable
- Shielded 6P, 8P and 8P10C

### DIMENSIONS

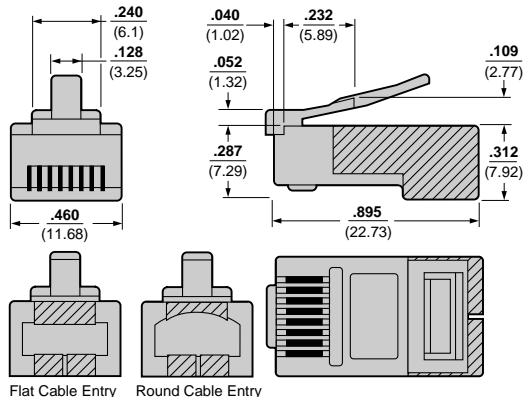
#### MP88 Non-Shielded

8 Positions, 8 Contacts



#### MPS88 Shielded

8 Positions, 8 Contacts



## MAXCONN - [\(Back to Table of Contents\)](#)

### Performance Specifications

#### Materials and Finish

**Housing:** Polycarbonate UL 94V-0 rated

**Contacts:** Phosphor bronze

**Contact Finish:** Gold plated

#### Mechanical Characteristics

**Durability:** 1,000 mating cycles

#### Electrical Characteristics

**Current/Voltage:** 150Vac at 1.5 Amps at 25°C

**Dielectric Withstanding Voltage:** 1,000 Vac RMS minimum, 60 Hz

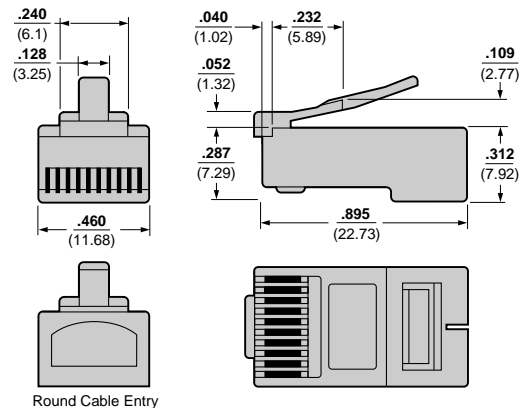
**Insulation Resistance:** 500 megohms minimum

**Contact Resistance:** 30 milliohms maximum

**Operating Temperature :** -40° C to + 60° C

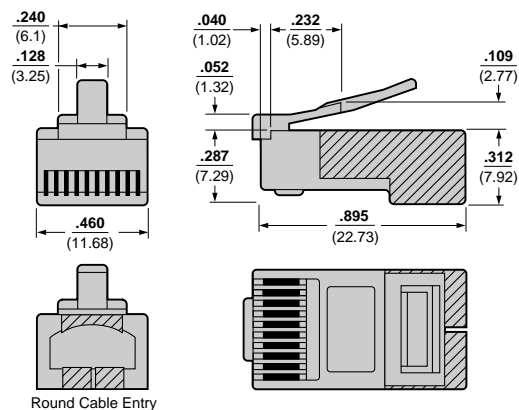
#### MP810 Non-Shielded

8 Positions, 10 Contacts



#### MPS810 Shielded

8 Positions, 10 Contacts



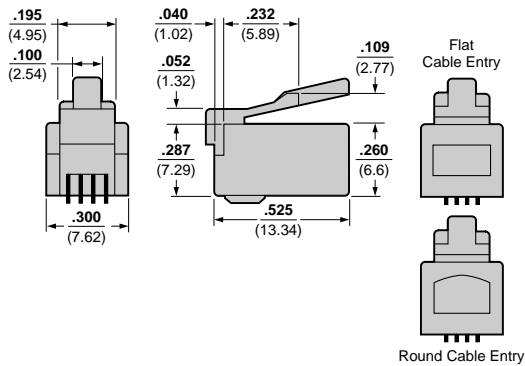


MODULAR PLUG CONNECTORS

MP Series  
Non-Shielded, Shielded

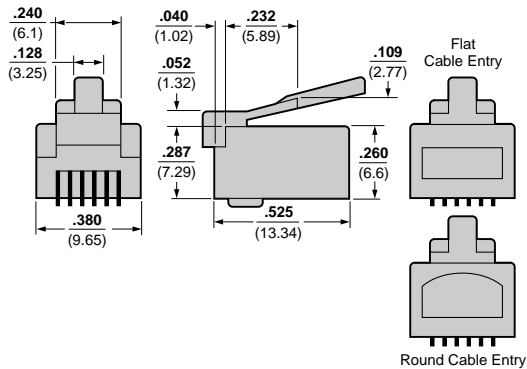
Dimensions

MP44 Non-Shielded  
4 Positions, 4 Contacts



MAXCONN - (Back to Table of Contents)

MP66 Non-Shielded  
6 Positions, 6 Contacts



HOW TO ORDER

**MP - 8 8 F - 30**

**Series**  
Blank – Unshielded  
S\* – Shielded 6P and 8P only

**Number of Positions**  
4, 6, 8

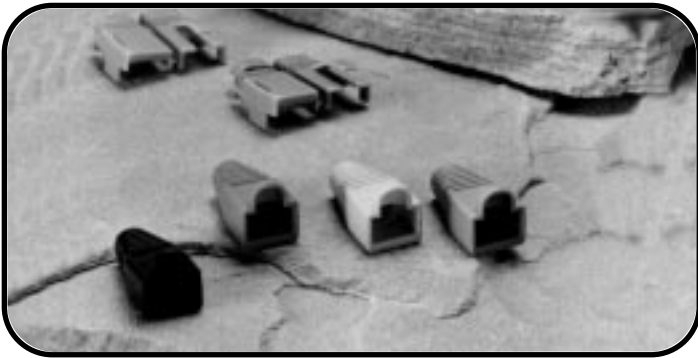
**Number of Contacts**  
2, 4, 6, 8, 10\*  
\*Available in 6P and 8P only

**Contact Plating**  
Blank–10 microinch gold  
30–30 microinch gold  
50–50 microinch gold

**Cable**  
F – Flat  
R – Round

# MP8B Series

## Cable Boots with and without Latch Protectors



### Performance Specifications

#### Materials and Finish

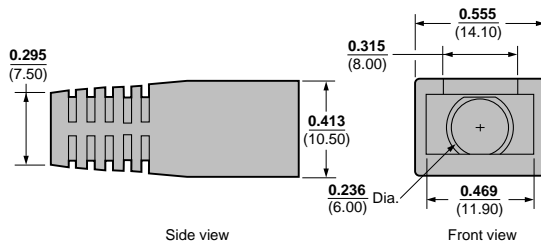
Dielectric Body: PVC thermoplastic, UL 94V-0 rated

### FEATURES

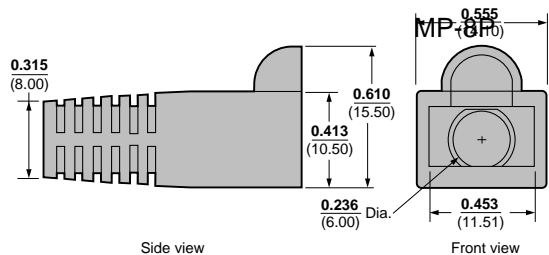
- UL and CSA approved E107337 and E145613
- RJ45 8-position cable boot
- With or without latch cover
- Strain relief options
- Various color code

### DIMENSIONS

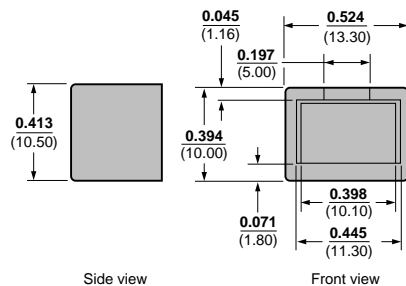
#### MP8B-SRF



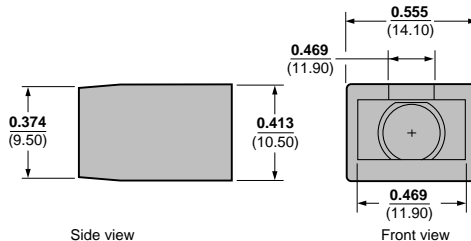
#### MP8B-SRF-T



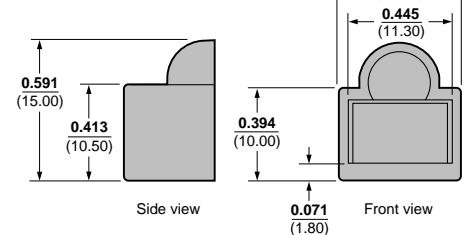
#### MP8B



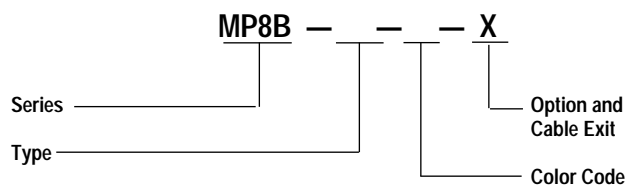
#### MP8B-SR



#### MP8B-T



### How To ORDER



# MP Series

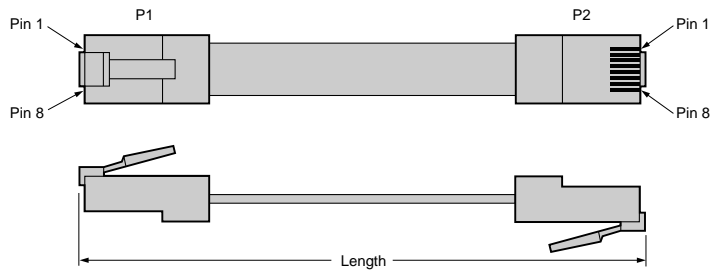
## Male Cable Assembly



FEATURES

- Custom pin out
- Category 5
- UL and CSA approved

DIMENSIONS



Positions	Pin-Out Wiring Diagram	
	P1	P2
1	—	—
2	—	—
3	—	—
4	—	—
5	—	—
6	—	—
7	—	—
8	—	—
9	—	—
10	—	—

HOW TO ORDER

MP

-

4

2

F

-

-

1

-

0

Series

Blank – Unshielded

S – Shielded (8 position only)

Number of Positions

4, 6, 8

Contacts

2, 4, 6, 8, 10\*

\*Available 8P only

Cable

F – Flat cable

R – Round cable

R5 – Category 5

Color

Blank – Silver satin

0 – Black

1 – Beige

Length (Feet)

Wiring Diagram

1 – 1-1 (standard)

2 – 1-8

XX – Factory assigned