

# TELEPHONE JACK

MODULAR TELEPHONE JACK UL/CSA/FCC APPROVED



## SPECIFICATIONS

### Material:

**Insulator:** PBT glass-reinforced thermoplastic, rated UL 94V-0, ABS or Hi-Temp nylon 6T.

**Contacts:** Phosphor Bronze

**Shield:** Phosphor Bronze, bright tin-plated

### Plating:

50 µin gold (optional 30 or 15 µin) on contact area over 50 µin nickel underplate. Gold or tin on solder tails.

### Electrical:

**Operation voltage:** 250 VAC max

**Current rating:** 2 Amps max

**Contact resistance:** 20 mΩ max

**Insulation resistance:** 500 MΩ min @ 1000 VDC between adjacent contacts (75°F and 50% R.H.)

**Dielectric withstanding voltage:** 1000 VAC min rms (sea level)

**Capacitance:** 1.5 pF max between adjacent contacts

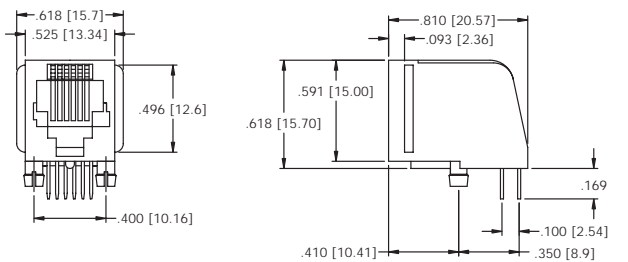


## ORDERING INFORMATION

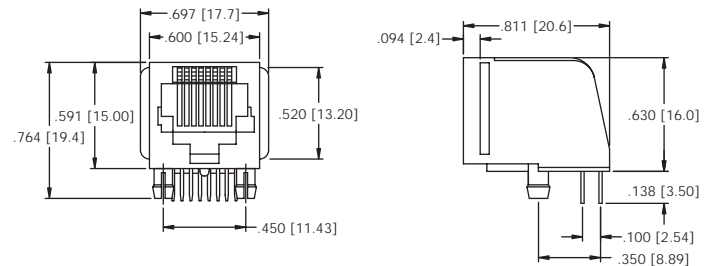
choose one from each category as shown in sample below

T	A	8P8C	3	
Series	Type	Position / Contacts	Plating	Options (add as suffix to part number)
T - Telephone Jack Single Port Pg. 24-27 TG -Telephone Jack Ganged 2 thru 12 Ports. Designate as TG2 thru TG12 Pg. 28-29 TU -Telephone Jack with Dual Port USB	A - V  Magnetic Jacks: SX, TX, UX, VX X: 1- 1:1 / 1:1 2- 1:414:1 / 1:1 3- 2:1 / 1:1	4P4C, 6P4C, 6P6C, 8P8C, 10P10C	1 - 15 mi Gold on Contact Area 2 - 30 mi Gold on Contact Area 3 - 50 mi Gold on Contact Area	C - Gray Color Insulator S - Front Shield F - Full Shield NP - No Panel Stops K - Keyed (8P8C Only) SMT - SMT Leads PG - Panel Ground A1-A6 & B1-B5 See Pg. 30 for Shielding Options

### TYPE A 6P4C / 6P6C



### TYPE A 8P8C

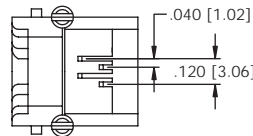
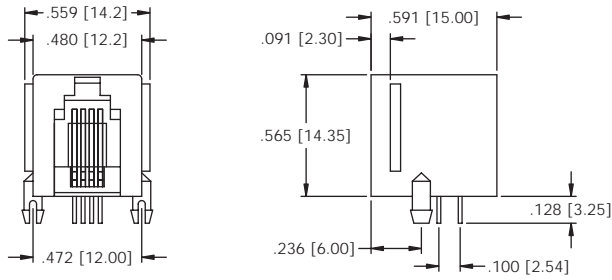


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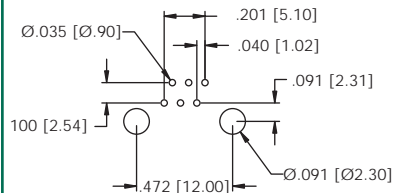
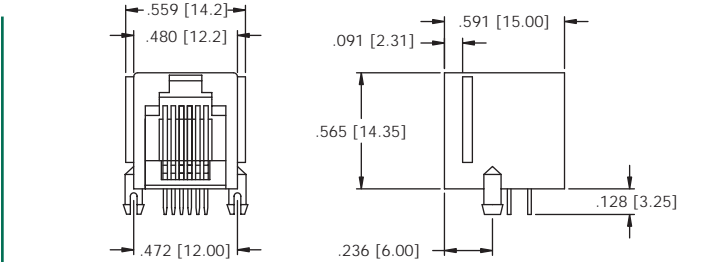
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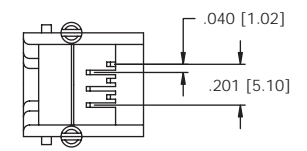
## TYPE B 4P4C / 6P6C



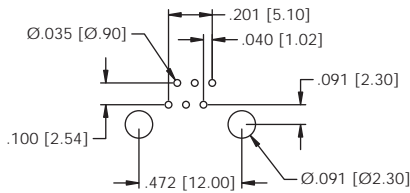
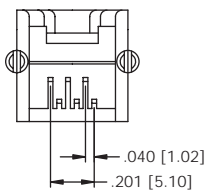
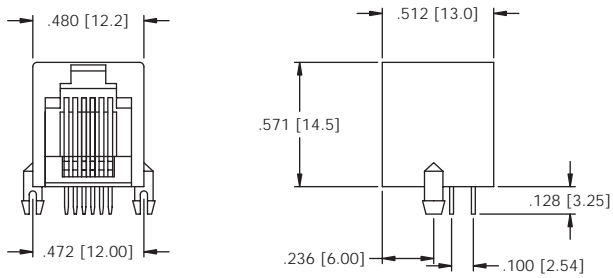
## TYPE B 6P4C / 6P6C



PC Board Layout

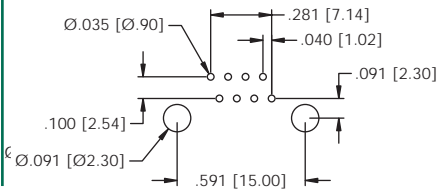
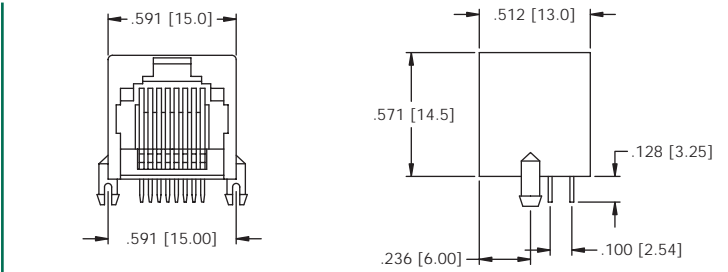


## TYPE C 6P4C / 6P6C



PC Board Layout

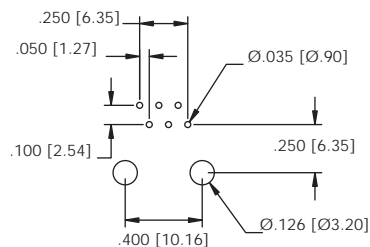
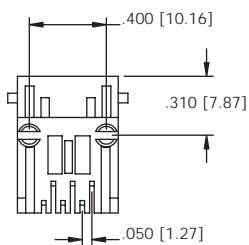
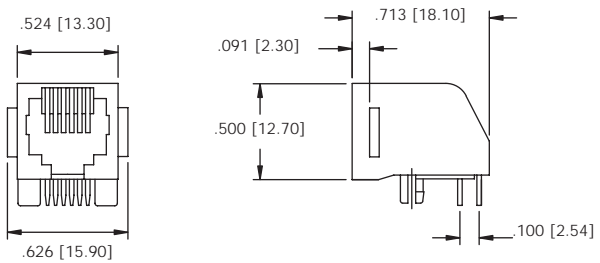
## TYPE C 8P8C



PC Board Layout

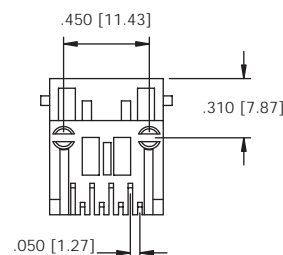
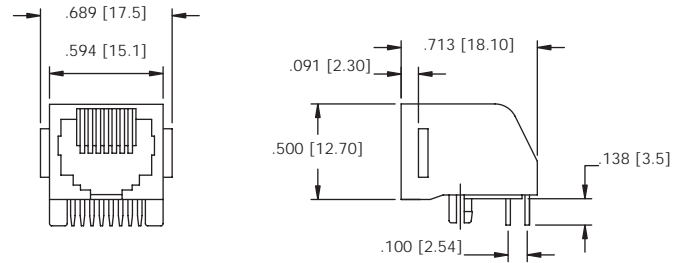


## TYPE D 6P4C / 6P6C



PC Board Layout

## TYPE D 8P8C

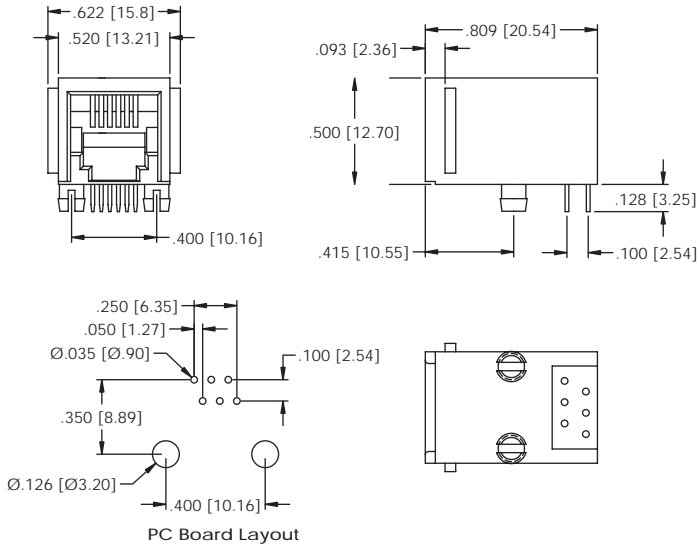


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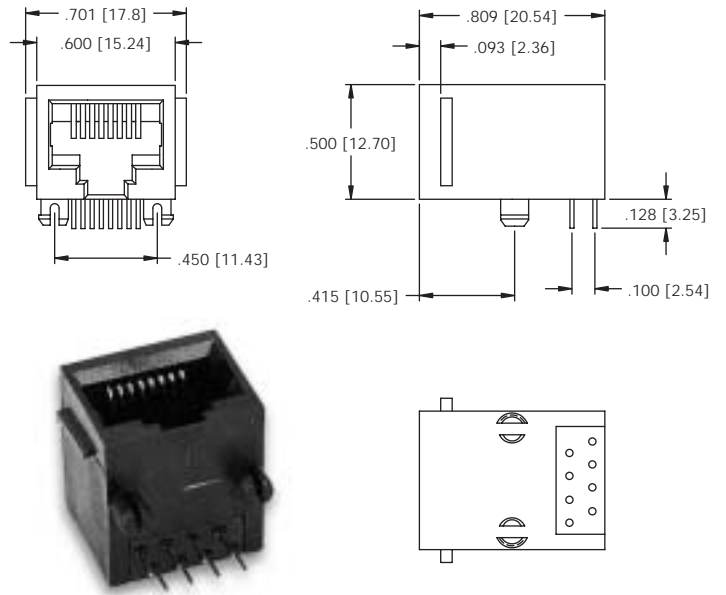
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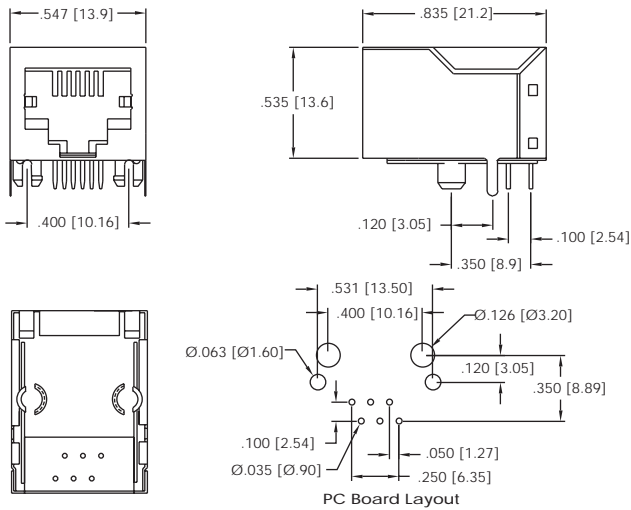
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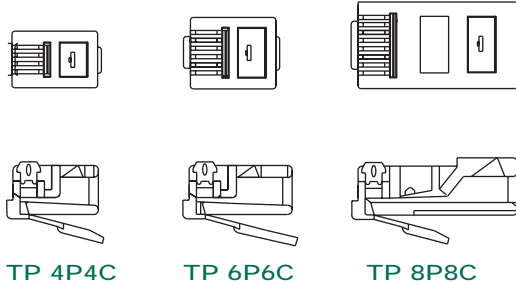
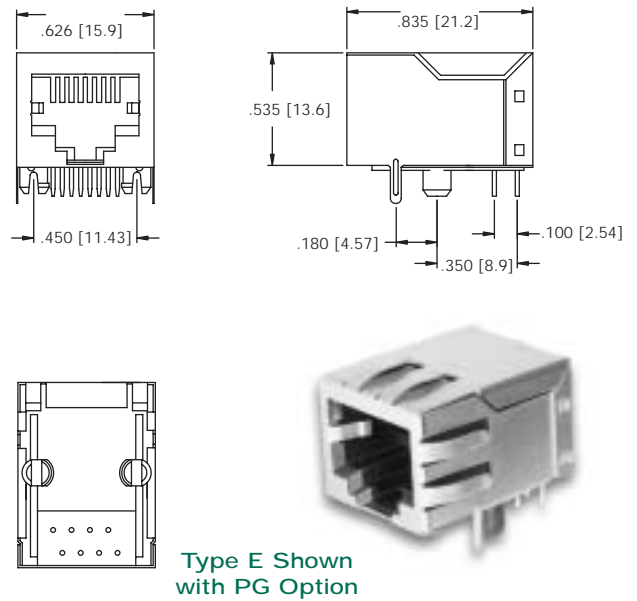
## TYPE E 8P8C



## TYPE E 6P4C / 6P6C SHIELDED



## TYPE E 8P8C SHIELDED



### ORDERING INFORMATION

choose one from each category as shown in sample below

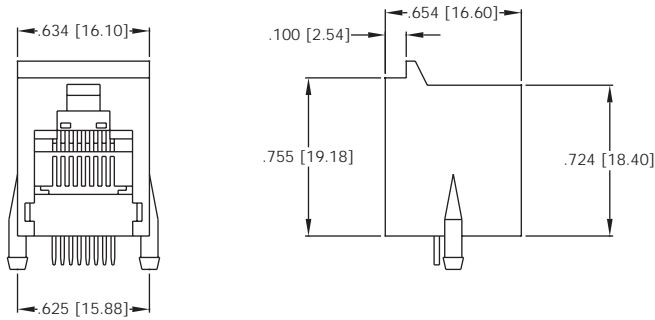
TP	8P8C	G	F	0
Series	Positions/Contacts	Plating	Cable Type	Options
TP - Telephone Plug	4P2C, 4P4C, 6P6C, 8P8C, 10P10C	1 - 15 µin Gold 2 - 30 µin Gold 3 - 50 µin Gold	F - Flat Cable R - Round Cable	0 - No Shield S - Solid Wire K - Keyed EMI - Shielded

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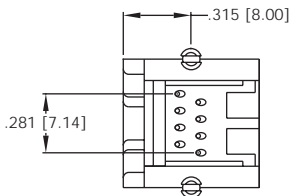
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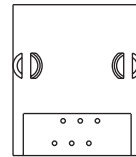
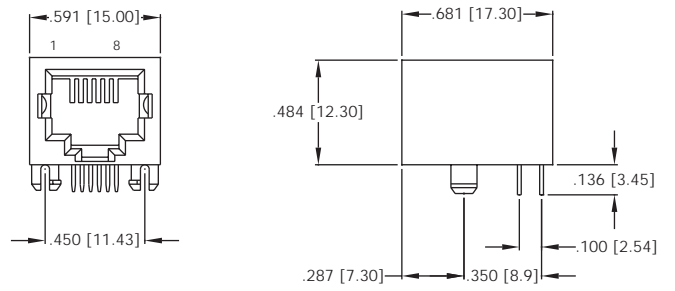
## TYPE F 6P4C / 6P6C



6P4C  
6P6C

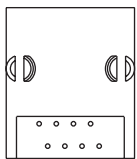
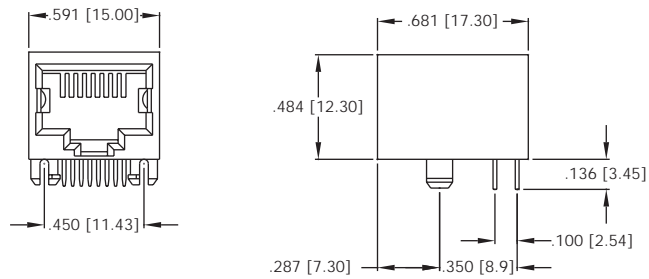


## TYPE F 8P8C



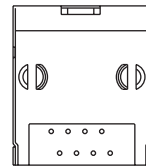
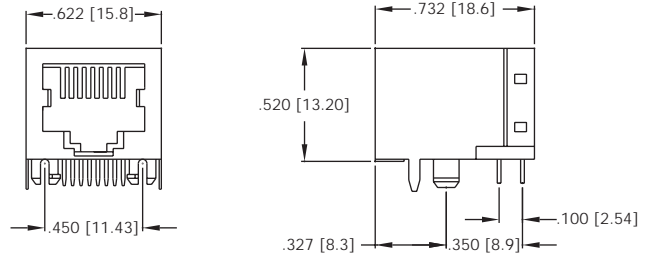
8P8C

## TYPE G 6P4C / 6P6C



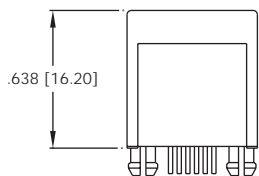
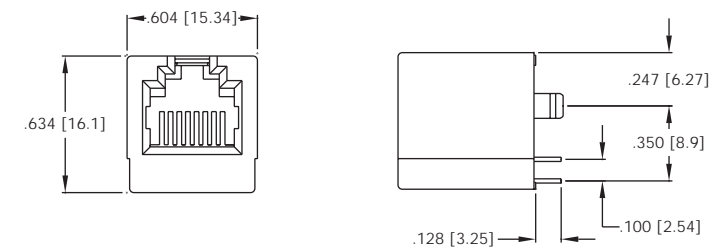
6P4C  
6P6C

## TYPE G 8P8C



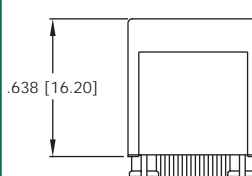
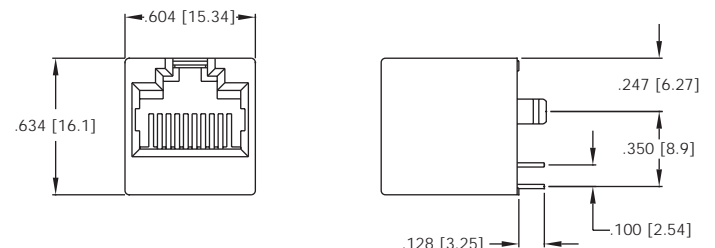
8P8C

## TYPE H 4P4C



4P4C

## TYPE H 6P4C / 6P6C



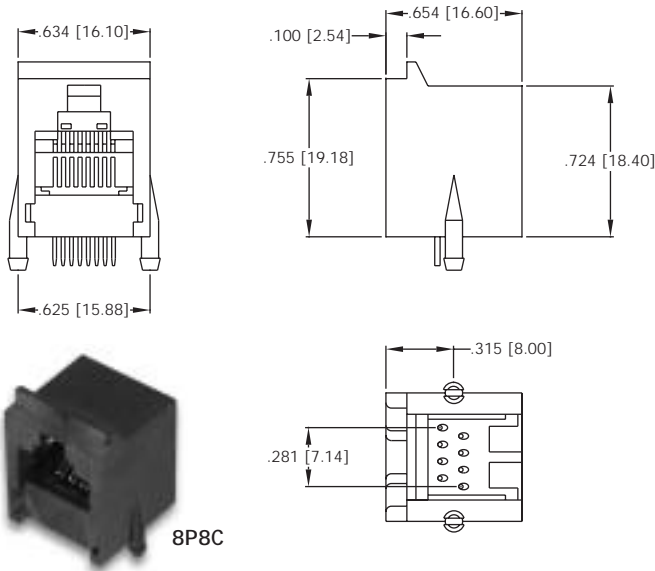
6P4C  
6P6C

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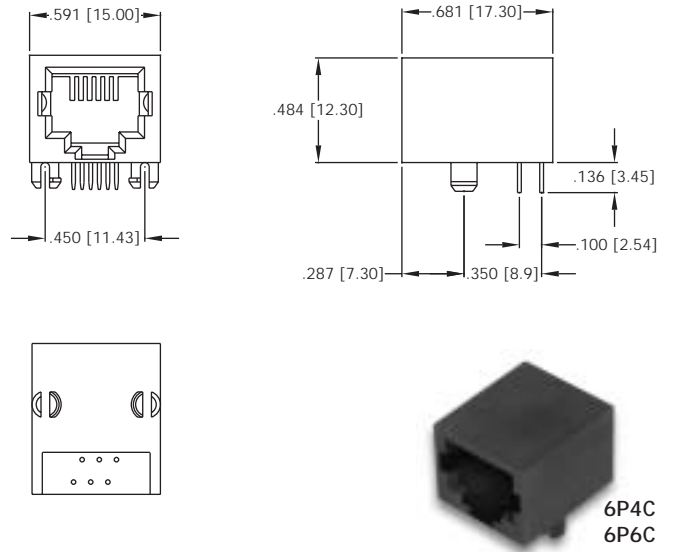
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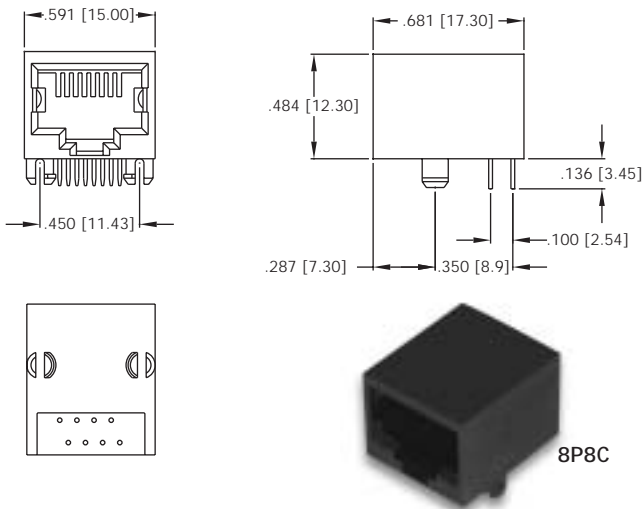
## TYPE I 8P8C



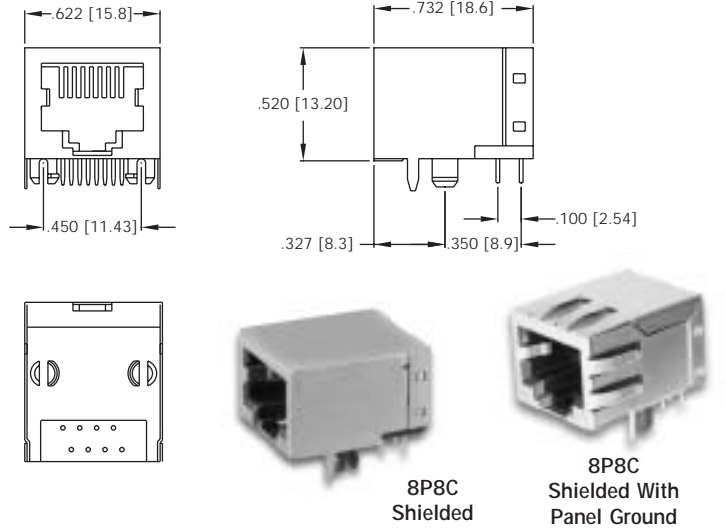
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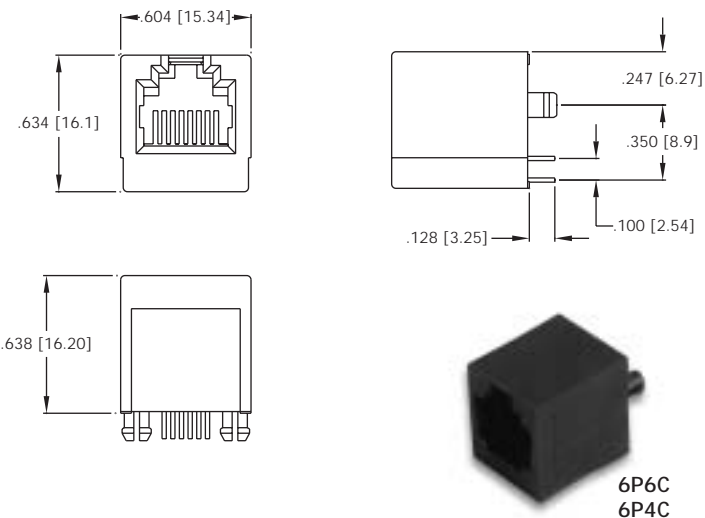
## TYPE J 8P8C



## TYPE J WITH "F" SHIELDING OPTION



## TYPE K 6P4C / 6P6C



## TYPE K 8P8C

