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## Standard Modular Jack

**87180-044**



Cat 3 Single Modular Jack, Horizontal, Board thrumount, 4 positions, 1 port



Features Selected	
Performance Category	Standard
# of Positions	4
Shielding	no
Type of Shield	None
Mounting Style	Board thrumount
Height Above Board	Low profile
Recommended PCB Thickness	1.60 mm (0.063 in.)
Board Locating Pegs	Snap
Contact Area Plating	0.76 µm (30.0 µin.) GXT™
Panel Stops	no
Packaging Type	Tube
Positions Loaded	All
Keying	no
Housing Material	Nylon

<b>Color</b>	Black
<b>Mounting Ears</b>	no
<b>Ground Tabs</b>	None
<b>Miscellaneous Options</b>	Housing heigth 11.50 mm (0.453 in.)
<b>Other Properties</b>	
<b>Orientation</b>	Horizontal
<b>Product Style</b>	Single
<b># of Ports</b>	1
<b>Applicable Soldering Process</b>	Wave
<b>Contact Base Material</b>	Copper alloy
<b>Contact Underplating</b>	2.54 µm (100.0 µin.) Nickel
<b>Insulation Resistance</b>	500 M ohms min.
<b>Withstanding Voltage</b>	1000 volts signal to signal AC or DC
<b>Current Rating</b>	+30°C with all contacts powered at 1 amp
<b>Contact Resistance</b>	20 m ohms max per EIA 36423
<b>Attenuation</b>	0.4 dB max at 16 MHz
<b>Return Loss</b>	.07 max to 20Mhz, .20 max to 100 Mhz
<b>Crosstalk Loss</b>	34 dB at 16 Mhz
<b>Mating Force</b>	20.0 N (4.5 lbf)
<b>Retention Force</b>	22.5 N (5 lbf)
<b>Flammability</b>	Meets UL94 V0
<b>Durability (Mating Cycles)</b>	250 cycles
<b>Approvals/Certifications</b>	UL and CSA approved
<b>Mating Data</b>	Mates with modular plugs conforming to FCC part 68, subpart F

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