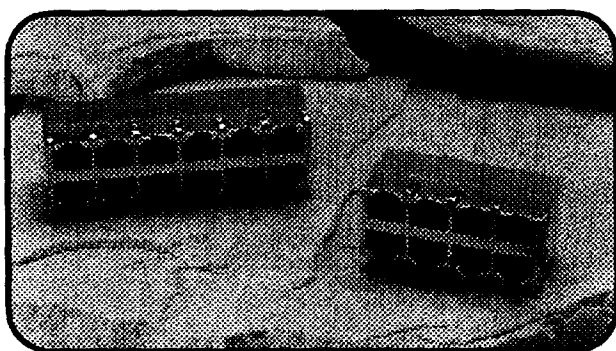


MODULAR JACK CONNECTORS

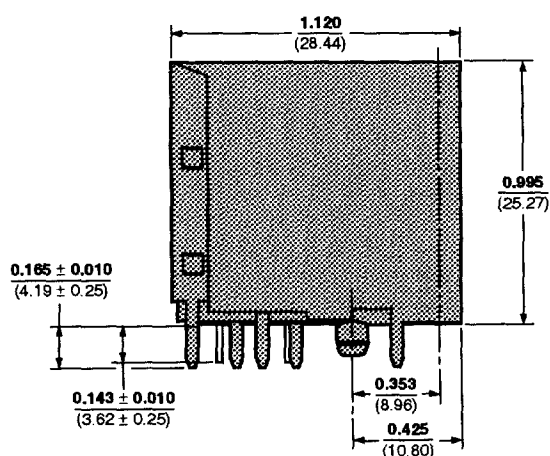
MJDS-LG5 Series Stacked Modular Jacks 2 to 16 Ports, Shielded



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



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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

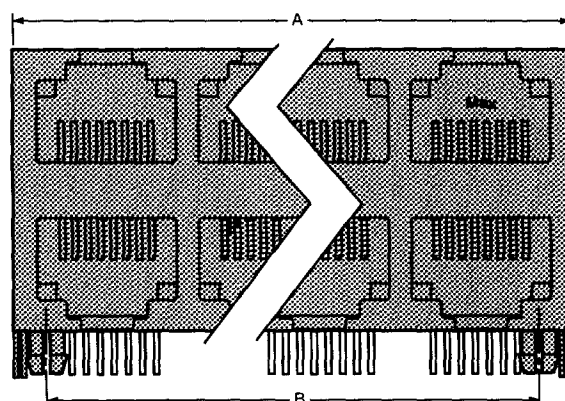
Current/Voltage: 150 Vac at 1.5 amps maximum at 25°C

Dielectric Withstanding Voltage: 1000 Vac RMS minimum, 60 Hz

Insulation Resistance: 500 megohms minimum

Contact Resistance: 30 milliohms maximum

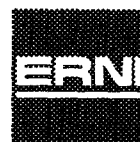
Operating Temperature: -40° C to +125° C



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.

www.ERNI.com/contact/

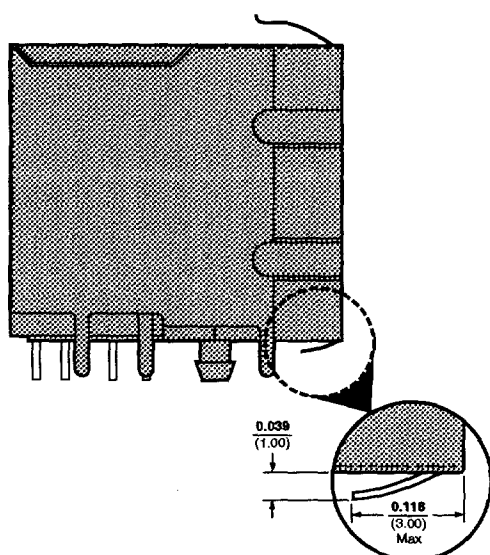


MODULAR JACK CONNECTORS

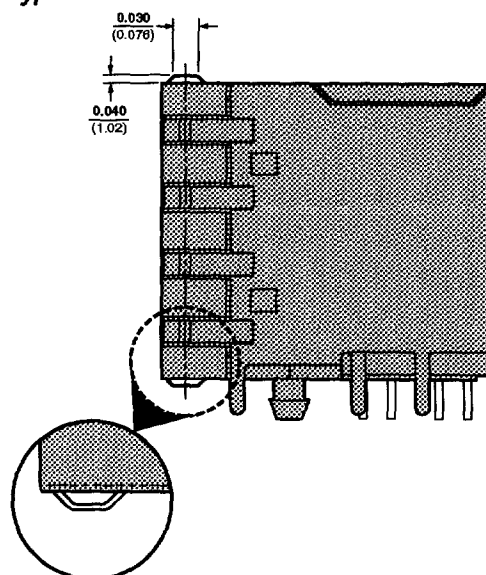
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MJDS Series
Stacked Modular Jacks,
2 to 16 Port

Detail A
GF Type Tab



Detail A
TF Type Tab



How to Order

	MJDS	- LG5-8	8	-X	XXX	X	- 30	
Series S - Shielded								
Ganged LG5 - Low profile (25.27)								
Number of Positions 6, 8								
Number of Contacts 6 - 6 Contacts 8 - 8 Contacts								
Number of Ports 2, 4, 6, 8, 12, 16								
								Contact Plating Blank — 10 microinch gold 30 — 30 microinch gold (standard) 50 — 50 microinch gold.
								PCB Grounding Option Blank — Standard one backside, three per side T — Grounding pins between every port (rear) (backside) Available only on 4, 6, 8 and 12 ports P — Grounding pins between every other port S — Grounding pins between each port (backside) and in the center of front and rear contact rows X — No rear ground pins
								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