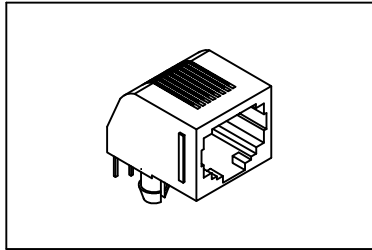


5003 Series Modular Jack



Features:

- * UL recognized, CSA listed.
- * 50μ gold meets FCC 68 requirements.
- * Available in 4, 6, 8 position housing.
- * Industry compatible profiles and foot prints.
- * Available in selective loading.
- * Contact pre-loaded and self aligned.

Material:

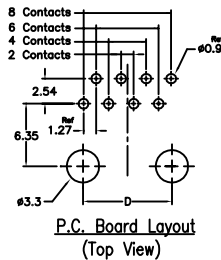
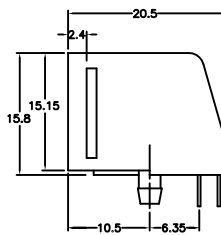
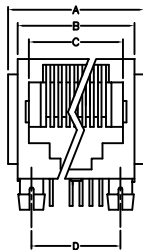
- Housing: 30% Glass filled PBT UL94V-0.
- Contacts: Phosphor Bronze.
- Plating: Selective Gold plated on contact area over Nickel.

Electrical Characteristics:

- Current Rating: 2 AMP.
- Insulator Resistance: 5000MΩmin. at DC 500V.
- Contact Resistance: 30mΩmax. at DC 100mA.
- Operating Temperature: -55°C~+105°C.
- Capacitance: 1.5pF max between adjacent contacts.

Mechanical Characteristics:

- Durability: 250 cycles.
- Retention Force: 7.7kg between jack & plug.
- Max Total Mating Force: 2 contacts loaded-350g.
4 contacts loaded-500g.
6 contacts loaded-750g.
8 contacts loaded-900g.



No. of Position	No. of Contacts	Dimensions			
		A	B	C	D
4	4	13.72	11.20	7.90	7.62
6	2	15.75	13.20	9.90	10.16
6	4	15.75	13.20	9.90	10.16
6	6	15.75	13.20	9.90	10.16
8	8	17.75	15.20	11.93	11.43

Ordering information

<u>5003</u>	<u>8</u>	<u>8</u>	<u>/50</u>	<u>BLK</u>
Series	8: 8 Position Housing 6: 6 Position Housing 4: 4 Position Housing	8: 8 Contacts Loaded 6: 6 Contacts Loaded 4: 4 Contacts Loaded 2: 2 Contacts Loaded	50: 50μ Gold Plated 30: 30μ Gold Plated 15: 15μ Gold Plated 6: 6μ Gold Plated	BLK: Black