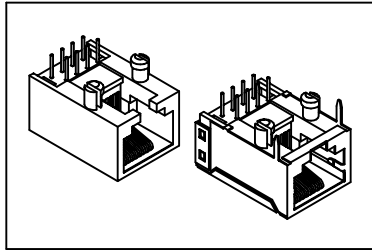


5012 Series Modular Jack



Features:

- * UL recognized, CSA listed.
- * 50µ" gold meets FCC 68 requirements.
- * Available in 4, 6, 8, 10 position housing.
- * Industry compatible profiles and foot prints.
- * Available in selective loading.
- * Contact pre-loaded and self aligned.

Material:

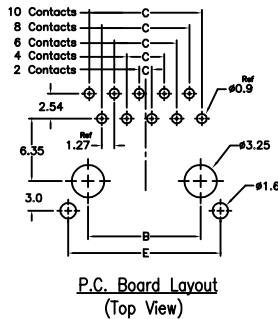
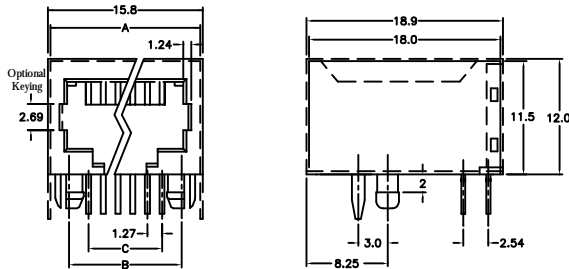
Housing: 30% Glass filled PBT UL94V-0.
 Contacts: Phosphor Bronze.
 Shield: 0.25mm Bass, Nickel plated.
 Plating: Selective Gold plated on contact area over Nickel.

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.
 10 contacts loaded-1100g.



No. of Position	No. of Contacts	Dimensions			
		A	B	C	E
4	4	11.20	7.62	3.81	
6	2	13.20	10.16	1.27	
6	4	13.20	10.16	3.81	
6	6	13.20	10.16	6.35	
8	8	15.20	11.43	8.89	15.30
10	10	15.20	11.43	11.43	15.30

Ordering information

<u>5012</u>	<u>10</u>	<u>10</u>	<u>/50</u>	<u>S</u>	<u>BLK</u>
Series	10: 10 Position Housing	10: 10 Contacts Loaded	50: 50µ" Gold Plated	S: Shield	BLK: Black
	8: 8 Position Housing	8: 8 Contacts Loaded	30: 30µ" Gold Plated	(Only for 8, & 10 Position)	
	6: 6 Position Housing	6: 6 Contacts Loaded	15: 15µ" Gold Plated		
	4: 4 Position Housing	4: 4 Contacts Loaded	6: 6µ" Gold Plated		
		2: 2 Contacts Loaded			