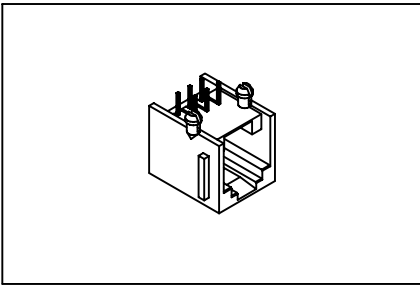


# 8949-F Series Modular Jack



## Material:

**Housing:** 30% Glass filled PBT UL94V-0.

**Contacts:** Phosphor Bronze.

**Plating:** 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.

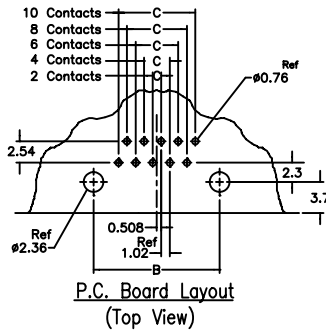
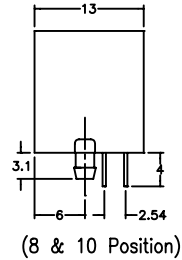
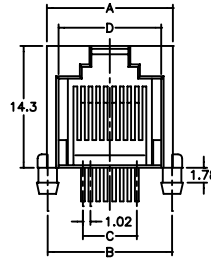
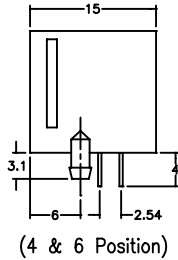
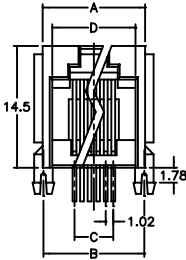
6 contacts loaded-750g.

8 contacts loaded-900g.

10 contacts loaded-1100g.

## 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.



No. of Position	No. of Contacts	Dimensions			
		A	B	C	D
4	4	12.20	12.00	3.06	7.80
6	2	12.20	12.00	1.02	9.90
6	4	12.20	12.00	3.06	9.90
6	6	12.20	12.00	5.10	9.90
8	8	15.20	15.00	7.14	12.20
10	10	15.20	15.00	9.18	12.20

## Ordering information

8949-F	10	10	/50
Series	10: 10 Position Housing	10: 10 Contacts Loaded	50: 50μ" Gold Plated
	8: 8 Position Housing	8: 8 Contacts Loaded	30: 30μ" Gold Plated
	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	