

**Types L, M and N Backplane Connectors with DIN Cavities**

**DIN Contacts**

DIN contacts can be fitted to types L, M and N male and female housings. These housings have 3 or 6 4.8 [ .189] diameter cavities for high current, coaxial or fiber optic contacts conforming to DIN 41626.

Male housings are press fit polarized to backplanes.

Contacts for these housings are shown on pages 38 and 39.

Standard Type M housings have option A contacts loaded in columns a to e, with option C used in rows z and f of 5+2 row versions. Feedthrough pins are option K. Other arrangements can be provided; refer to page 47 for other contact patterns. Variations not listed should be specified using the pin specifications on page 66 and chart on page 71.

**Performance Data pages 6-7, also refer to DIN specifications.**

**Materials and Finish**

Glass filled polyester housing.

Phosphor-bronze signal contacts

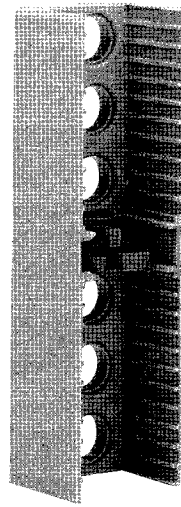
Contact area 0.8µm [ .000030] Au over 1.3µm [ .000050] Ni

ACTION PIN Contact 0.5µm [ .000020] Sn/Pb over 1.3µm [ .000050] Ni

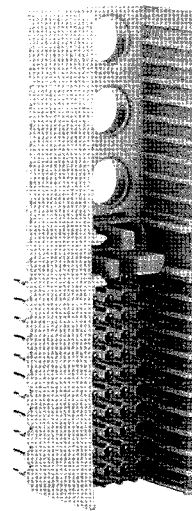
**Coding Keys for type L & M, page 47.**

**Board layout page 71 for guidance only.**

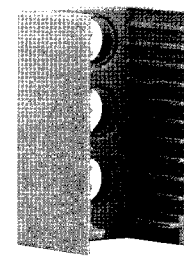
Special Version of type L is available for vertical press fit coax contacts



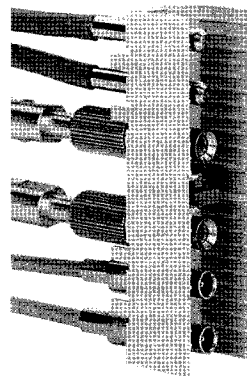
Type L  
6 DIN Cavities



Type M  
55 Signal Contacts and  
3 DIN Cavities



Type N  
3 DIN Cavities



**Type L, M, N connectors with DIN contact cavities for high current, coaxial and fiber optic connections**

Plastic modules provide press-fit-polarized assembly on backplanes. Cavities allow connectors to be loaded in any position with high current, coaxial or fiber optic contacts as per DIN 41626.

Illustration shows Type L connector, top to bottom:

- High current cable contact (2x). Also available for backplane soldered connection. First make-last break versions can be provided for high current contacts.
- Fiber optic plug for cable-to-cable connection (2x).
- Coaxial cable contact (2x).

Description	Part Numbers	
	Cable & Panel	Flush Board*
Type L	100745-1	646704-1*
Type M 5 row short tail	100749-1	646709-1*
Type M 5+2 row short tail	352049-1	646730-1*
Type M 5 row feed through	106326-1	646886-1*
Type N	100751-1	646703-1*
Type N Right Angle	—	646858-1*

\*All connectors accept cable or board mount contacts.