



## Z-PACK 2mm HM Connectors (Continued)

### 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 4.8mm (.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 217-219.

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 227 for other contact patterns. Variations not listed should be specified using the pin specifications on page 240 and chart on page 244.

**Electrical Characteristics** — page 192, also refer to DIN specifications.

#### Materials and Finish

Glass filled polyester housing.  
 Phosphor-bronze signal contacts  
 Contact area 0.8µm Au over 1.3µm Ni  
 ACTION PIN contact 0.5µm Sn/Pb over 1.3 µm Ni.

**Coding Keys for type L & M,** page 227.

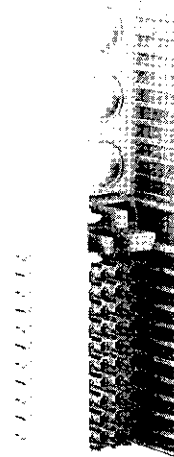
**Board layout** page 244 for guidance only.

**Tooling** — page 332.

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



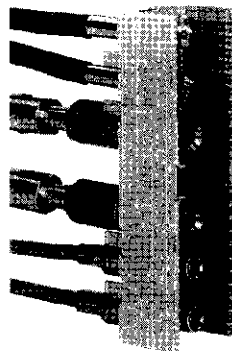
**Type L**  
6 DIN cavities



**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).

Part Numbers	
Type L	100745-1
Type L (Press Fit Coax)	342241-1
Type M 5 row short tail	100749-1
5+2 row short tail	352049-1
5 row feed through	106326-1
Type N	100751-1