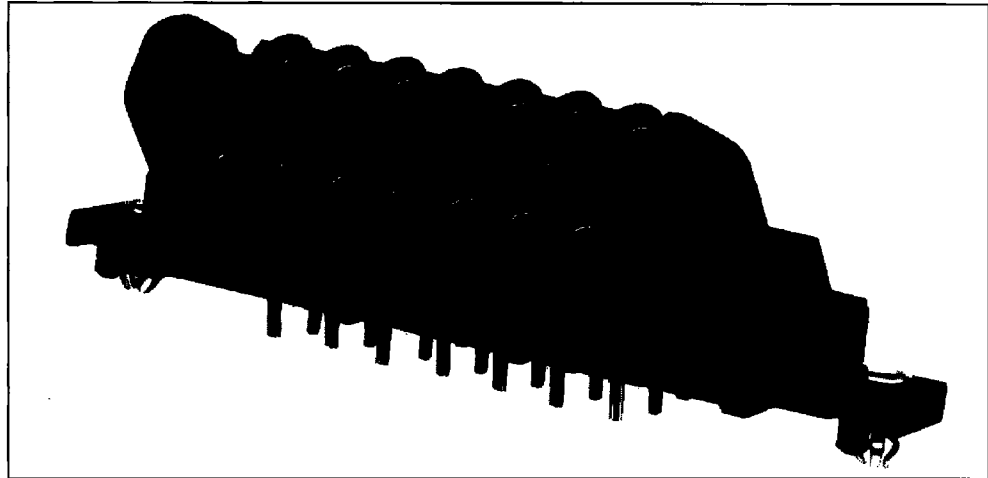


**METRIC**



## Metrimate 43°- Mount Printed Circuit Board Plug Header

**Drawer Connector, 43°- Mount, Printed Circuit Board Plug Header, 21 Positions**

**Socket Contacts mate with 1.57 [.062] Dia. Pin Contacts. Contacts are on 5.08 X 5.08 [.200 X .200] centerlines**



### Product Facts

- True blind mating
- Housings, 94V-0 rated material
- Choice of tin-plated brass or phosphor bronze contacts, mate with 1.57 [.062] dia. pin contacts
- Tin-plated brass contacts rated up to 5 amps
- Tin-plated phosphor bronze contacts rated up to 7 amps
- Molded-in guide pins and keyed housing for positive mating
- Housing design compatible with robotic board-mount applications
- Boardlocks provide board retention prior to soldering
- Compatible with standard through-hole solder and surface-mount reflow soldering process
- Recognized under the Component Program of Underwriters Laboratories, Inc., File No. E28476 
- Certified by Canadian Standards Association, File No. LR 7189A-198 

The Metrimate drawer connector, when mounted on a pc board, presents a mating angle of 43° from vertical that is ideally suited for applications in swing-out modular power supply drawers. This precise angling of the connector surface provides a true blind mate with the receptacle. Molded-in guide pins and polarized housing direct the receptacle assembly into exact mating position.

The flat-top design of the connector is perpendicular to the mounting surface facilitating robotic pick-and-place board-mount application. Integral boardlocks provide positive board retention prior to soldering. Connectors are compatible with standard through-hole soldering and surface-mount reflow soldering process.

This connector is made of 94V-0 rated, thermoplastic and contains 21 Multimate socket contacts, with stainless steel retention springs. Socket contacts accept 1.57 [0.62] dia. pin contacts and are rated at up to 5 amperes, tin-plated brass, and up to 7 amperes, tin-plated phosphor bronze.

Note: 21 Pos. Housing Dim. (Typ.)—73.66 [2.90] L x 16.51 [.650] W x 22.86 [.900] H

No. of Positions	Contact Material	Plug Header (w/socket contacts) Part Number	Mating Receptacle Part Number*
21	Brass	213518-1	213516-1
	Phosphor Bronze	213518-2	

\*Housing only. Contacts must be ordered separately.  
Note: Consult AMP on receptacle housing availability.

Pin and Socket Connectors  
Metrimate 43°-Mount Printed Circuit Board Plug Header