

AUDIO

- 3 - 9 way available
- Unshielded, half shielded and full shielded available
- Competitively priced
- Industry Compatible
- Mates with DBCMD11 series
- PCB mounting

PCB MINI JACK DIN SOCKETS



SECTION 6

SPECIFICATION

Contact resistance (DCR 0.1A):

1. Initial, before any testing:
 - (1) Pin to contact or (NC) 30mΩ
 - (2) Plug shield to socket or (NO) 50mΩ
2. After life test with mating plug:
 - (1) Pin to contact or (NC) 60mΩ
 - (2) Plug shield to socket or (NO) 100mΩ

Insertion Force: 0.5kg - 4.0kg Terminals withstand a 500g minimum pull for 10 seconds

Extraction Force: 0.5kg - 3.5kg before movement or breakage occurs

Soldering Heat: Terminal for PC board temperature: 260±5°C for 5 ± 1.0 seconds

Operating temperature range: -25°C to 100°C

Insulating resistance: More than 100MΩ by 500v DC at 90-95% RH, 40°C

Voltage test: Withstand 0.5mA 500v AC between any open terminal for one minute

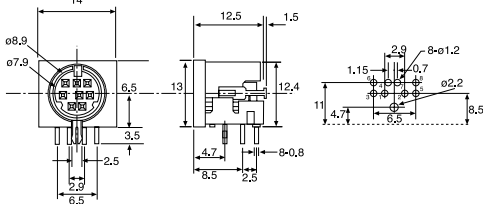
Lifetime: Withstand more than 5000 cycles insertion and withdrawal with testing plug

Rated voltage: 16vdc

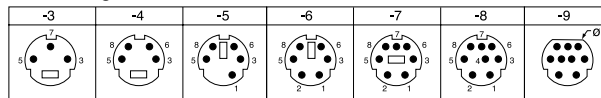
Rated current: 20mA - 0.3A

OUTLINE DRAWING

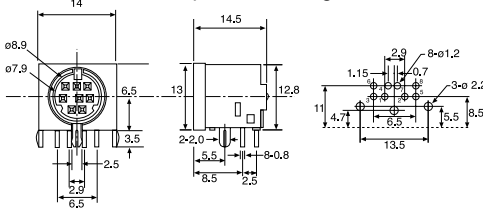
DBCMD0508 - Unshielded



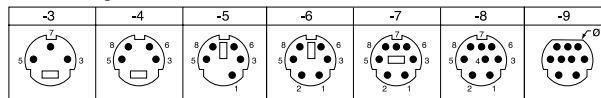
Pin Configuration



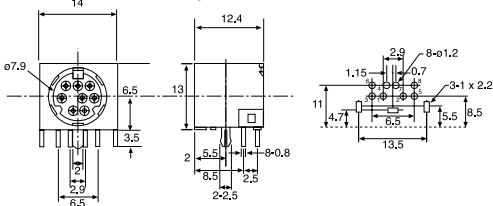
DBCMD0508A - Top, Left and Right Shielded



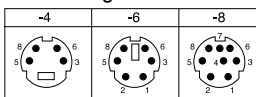
Pin Configuration



DBCMD0509 - Fully Shielded



Pin Configuration



ORDERING INFORMATION

DBC	MD	0508	-4
Dubilier Connectors	Mini Din Connector	Series	N° of Ways
		0508 = Unshielded	
		0508A = Half shielded	
		0509 = Fully shielded	