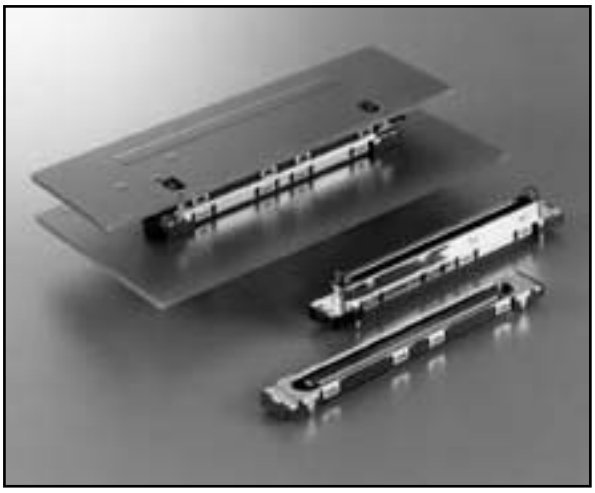
WD SERIES CONNECTORS

0.5mm (.020") Contact Spacing, EMI Shielded, PCB-to-PCB, SMT Connectors



FEATURES

- 3.6mm (.142") receptacle mounting height and compact low profile design is ideal for high-density mounting
- Ribbon type contact (flat contact) withstands twisting
- 2-step live insertion/removal protects device circuits
- Mating guide structure absorbs up to ±1.5mm (.059") dislocation
- Built-in metal shell provides EMI shielding for plug and receptacle

The WD Series connectors are high density connectors for board-to-board applications. This connector enables vertical connection between units. Specific applications can be notebook PCs, PDAs, and port replicators.

GENERAL SPECIFICATIONS

Number of Contacts	200 (Signal - 200) 104 (Signal - 100 + Power - 4) 158 (Signal - 154 + Power - 4) 224 (Signal - 220 + Power - 4)
Contact Spacing	0.5mm (.020")
Current Rating	0.3 Amp signal, 3 Amp power per contact
Dielectric Withstanding Voltage	500 VAC r.m.s. (for one minute)
Insulation Resistance	100 megohms min.
Contact Resistance	200 contacts: 70 milliohms max. 104 and 224 contacts: 90 milliohms max
Operating Temperature	-40°C to +85°C

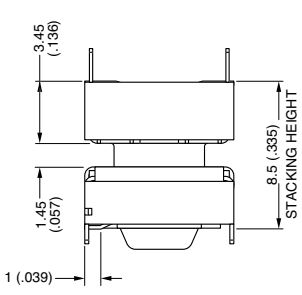
MATERIALS AND FINISHES*

Components	Materials	Finishes
Power Contact	Copper Alloy	Contact: more than 0.1µm (.000004") Gold plating over Nickel Connection: Tin plating
Signal Contact	Phosphor Bronze	Contact: more than 0.1µm (.000004") Gold plating over Nickel Connection: Tin plating
Nut	Brass	Nickel plating (pin connectors are not plated)
Shell	Brass	Nickel plating
Socket Insulator	Glass-filled LCP	None (UL94V-0)

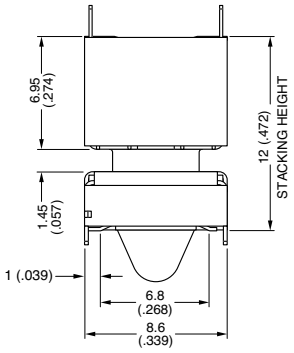
Connector Profile (Ref.)

Consult JAE for "Ordering Information".

200 Position



220 Position



• Please consult JAE for verification of product availability.

Dimensions and specifications subject to change without notice.