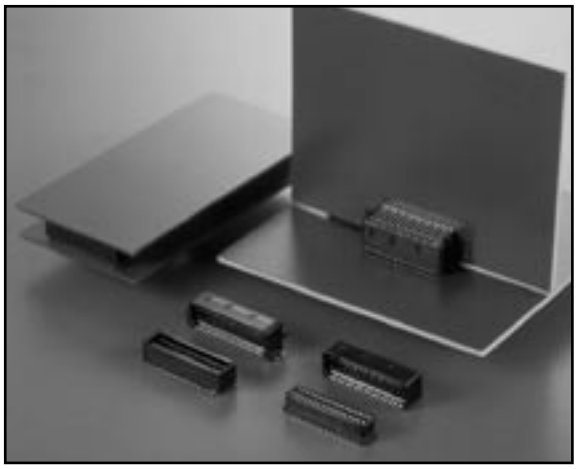
IL-WX SERIES CONNECTORS

0.8mm (.031") Contact Spacing, PCB-to-PCB SMT Connectors



IL-WX Series connectors are designed for board-to-board applications. Designed with extremely small spacing, centers are on 0.8mm (.031") with double row contact arrangement. The connector features SMT conact configuration for automatic mounting. It is intended for use in portable appliances where size reduction is important. Applications include video camera and OA equipment.

FEATURES

- Low profile, connection between parallel boards spaced 4.5 mm
- Combinations of socket receptacle (straight) and pin header (straight/right angle) enable vertical and parallel connections
- The boss on both sides of connector bottom ensure correct positioning on board
- Configuration suited for automatic packaging

GENERAL SPECIFICATIONS

Number of Contacts	6 to 36 (even numbers only)
Contact Spacing	0.8mm (.031"), double row
Current Rating	0.5 Amps
Dielectric Withstanding Voltage	500 VAC r.m.s. (for one minute)
Insulation Resistance	100 megohms min.
Contact Resistance	25 milliohms max.
Operating Temperature	-40°C to +85°C

MATERIALS AND FINISHES*

Description	Materials/Finishes
Insulator	Glass filled PPS (UL94V-0, Black)
Pin Contact	Copper Alloy/Tin Plating
Socket Contact	Phosphor Bronze /Tin plating
Hold Down	Phosphor Bronze /Tin plating

ORDERING INFORMATION

IL-WX - 10 S - VF - B
IL-WX - 10 P B - HF - HD - S - B - E1000 E

Series
No. of Contacts
6 to 36 (Even Number)
Contact Type
P – Pin
S – Socket
Polarizing Boss
Blank – No Boss
B – Polarization Boss
Termination
VF – Straight
HF – Right Angle
Hold Down
Modification Code
Insulator Color
B – Black
Embossed tape
1,000 pcs/reel
Lead Free Version

• Please consult JAE for verification of product availability.

Dimensions in mm (inches).