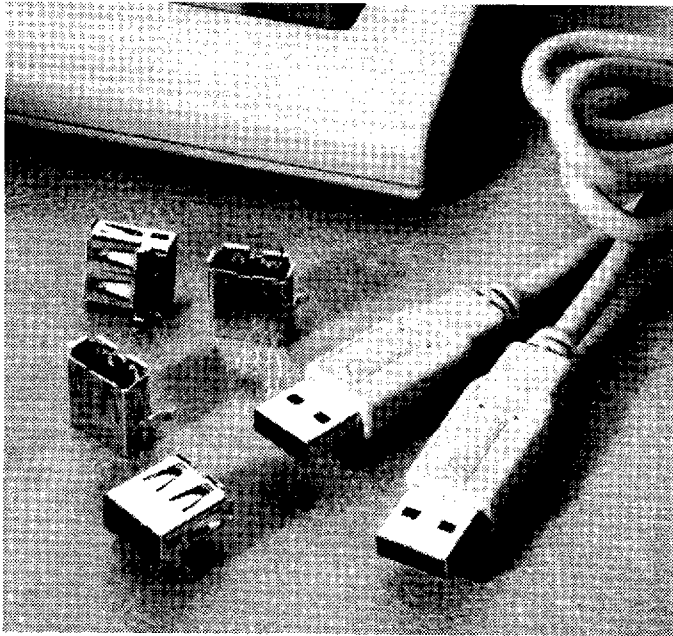


USB Series 'A' and 'B' Plugs



The Universal Serial Bus (USB) Connector allows a standard for attachment of computer peripherals and devices to desktop computer through a single universal cable. Series 'A' cables are permanently attached to devices including keyboards and computer pointing devices. Series 'B' Connectors connect sockets on devices like printer and computers. Methode's USB connectors are available in a wide variety of custom configurations and options including selective gold plating, surface and right-angle mounting styles for receptacles and stacked and single level receptacles.

Features

Features

Materials

Contact Material: Copper Alloy

Contact Plating: Selective gold flash over contact.
Front and rear shells are tin or tin-lead plating over copper

Mechanical Performance: Mating interface complies with USB Spec Rev 1.0

Electrical Performance

Current Rating: 30 VAC, 1 amp max per contact

Contact Resistance: 15 milliohms max (initial)

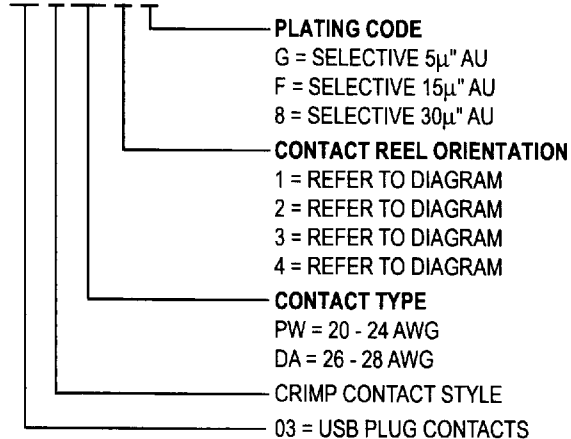
Dielectric Withstand Voltage: 750 VAC at sea level

Capacitance: 2 picofarads max at 1 khz

- USB standard for peripherals and computer devices
- Available in 30 mil and selective over gold plating
- Surface mount and right angle connector styles
- Thermoplastic overmolded and stainless steel shells
- Single and double stack connector options

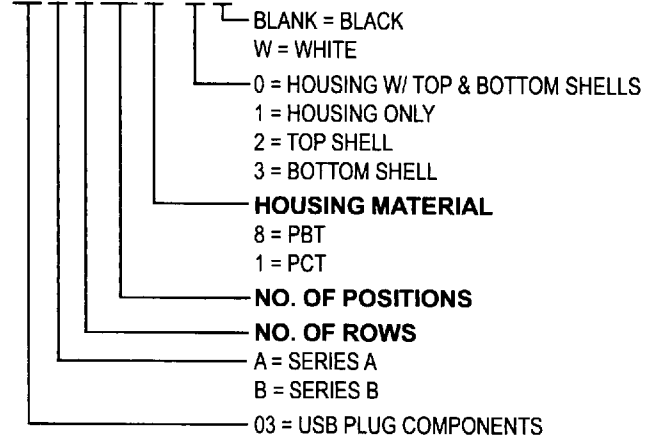
ORDERING INFORMATION FOR CONTACT

03-4 XX-X-X



ORDERING INFORMATION FOR PLUG

03 X-X XX-X1-X-X



Connector Products

1700 Hicks Road • Rolling Meadows, IL 60008

847/392-3500 • Fax: 847/392-9404

Methode Electronics Far East PTE Ltd

1 Tuas Lane • Jurong Town • Singapore 638610

65-6890883 • 65-8614777

Methode Electronics Europe Ltd

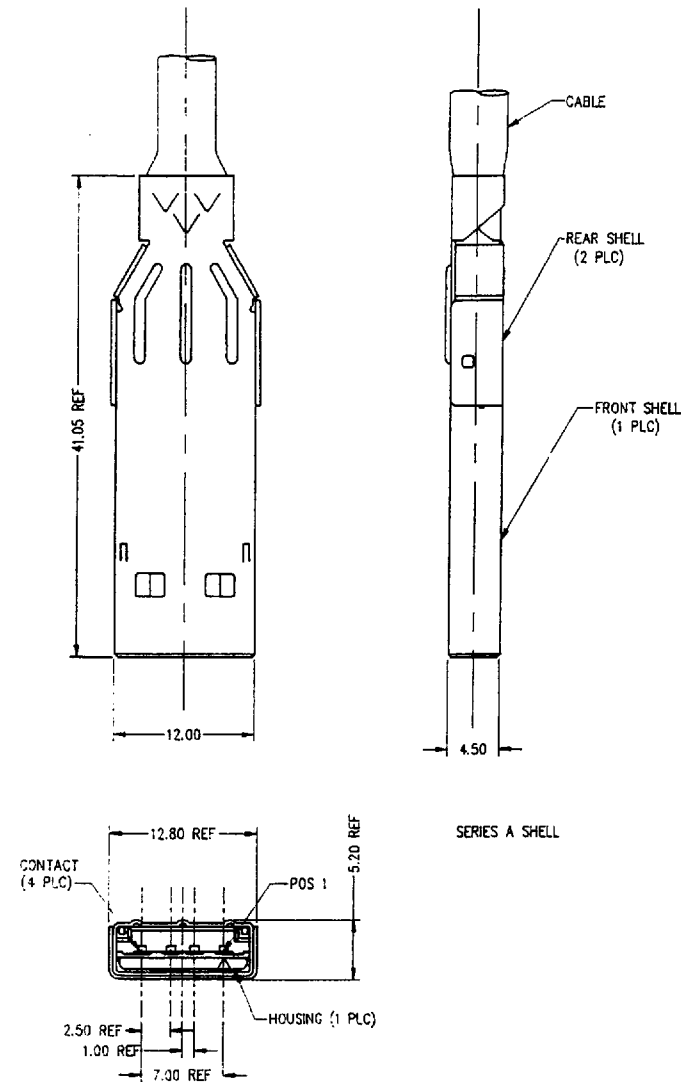
Vale of Leven Industrial Estate
Dumbarton G82 3PD • Scotland
441 389 732123 • 441 389 732777

www.methode.com

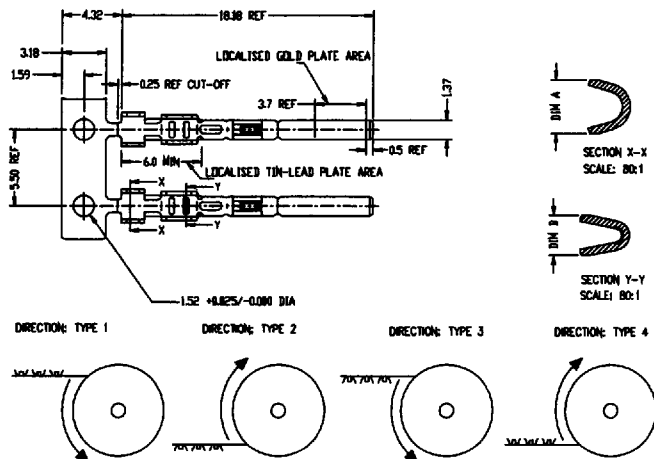
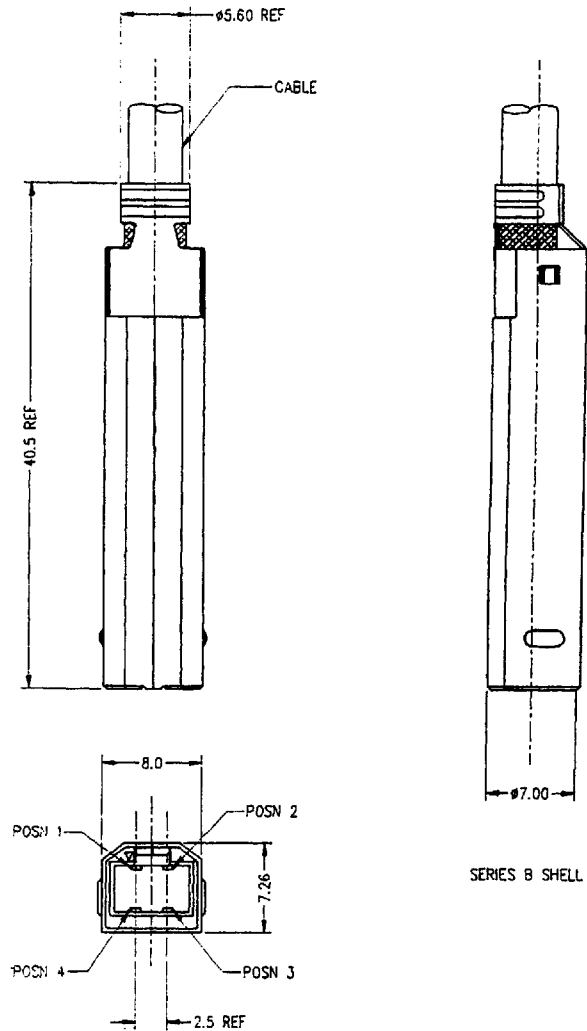
USB Series 'A' and 'B' Plugs



SERIES A SHELL



SERIES B SHELL



NOTES

- 1.0 MATERIALS: COPPER ALLOY
- 2.0 FINISHES: SELECTIVE GOLD PLATING ON MATING END;
TIN-LEAD PLATING ON TERMINATION END;
ALL NICKEL UNDERPLATED
- 3.0 RECOMMENDED APPLICABLE WIRE SIZE: REFER TO TABLE A
- 4.0 INTERPRET DIMENSIONS ACCORDING TO ANSI Y14.5M - 1982
- 5.0 UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS

TABLE A

TYPE OF CONTACT	WIRE RANGE	INSULATION RANGE	DIMENSION	
			DIM A	DIM B
TYPE A	20 - 24 AWG	1.03 - 1.58 MM	2.41	1.90
TYPE B	26 - 28 AWG	0.79 - 1.05 MM	1.72	1.27