

IDC Socket

6F Series Double Row

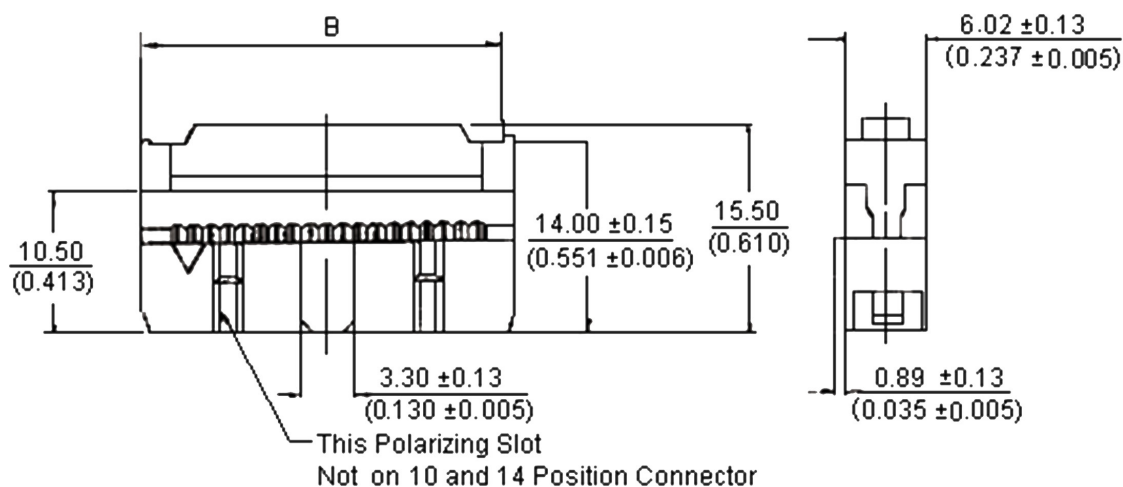


Features:

- 0.1" × 0.1" socket conforms to MIL-C-83503/7C specifications
- Single beam contact areas are finished with selective gold plating
- Ideally applicable for 1.27mm (0.05") centre line of AWG 28 stranded ribbon cable
- Strain relief and centre polarization on connectors are optional objects
- Pre-assembled cable crimping cover

Specifications:

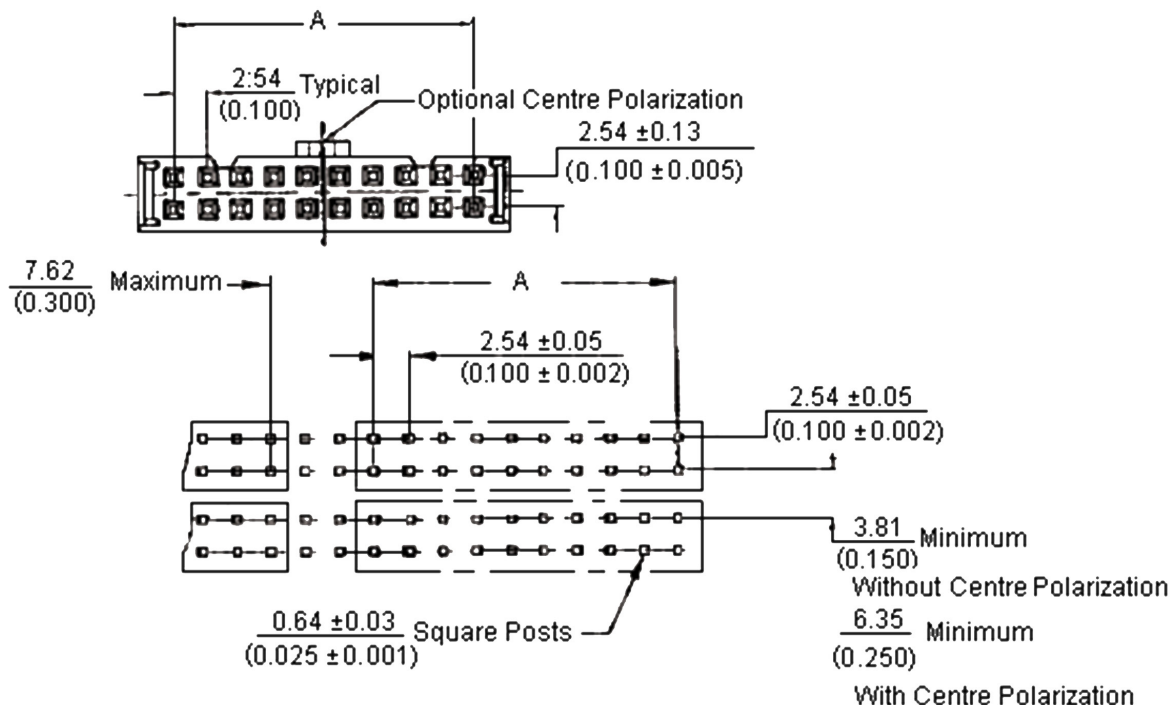
Current rating	: 1A
Minimum dielectric withstanding voltage	: 5,000V ac for 1 minute
Minimum insulation resistance	: 1,000MΩ at 500V DC
Working temperature	: -55°C to +105°C
Maximum contact resistance	: 30mΩ mated
Insulator material	: Glass filled PBT resin, black
Contact material	: Brass
I.D.C terminal finish	: Tin-lead over nickel or gold over nickel
Durability	: 100 cycles
Wire size	: AWG 28 stranded 0.05" (1.27mm) centre ribbon cable
Mating force	: 5.75oz (163gf) per maximum contact
Unmating force	: 0.70oz (20gf) per minimum contact
Mating pitch length	: 0.2" (5.08mm) to 0.25" (6.35mm) of 0.025" (0.635mm) square or round pin



Dimensions: Millimetres (Inches)

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Part Number Table

Description	Part Number
Socket, IDC, With S/Relief, 60 Way	MC6FD060-30P1-CQ

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