

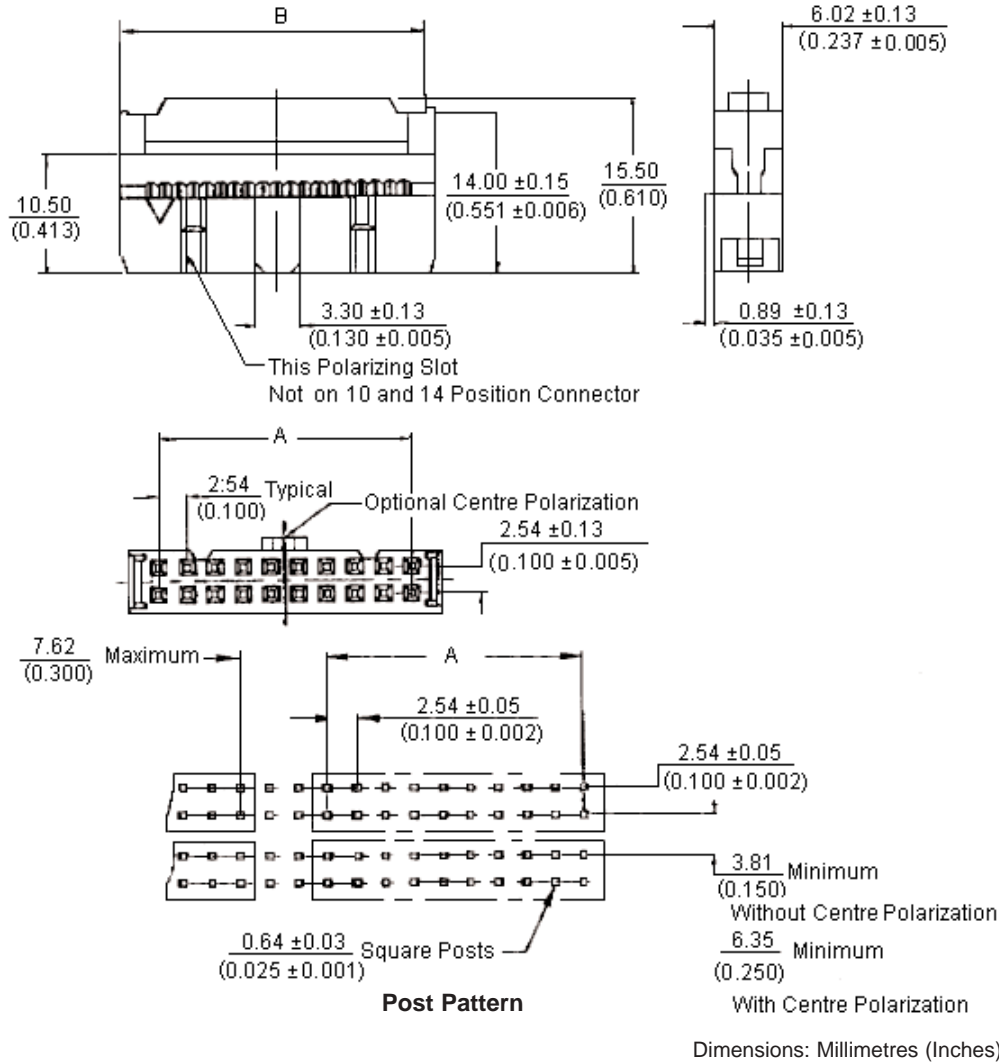


PART NO.

6FD060-30P1-CQ

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Kiran	16/04/09	Suresh	16/04/09	Farnell	30/04/09



Features:

- 0.100 inches x 0.100 inches socket conforms to MIL-C-83503/7C specifications.
- Single beam contact areas are finished with selective gold plating.
- Ideally applicable for 1.27mm (0.050 inches) centre line of AWG 28stranded ribbon cable.
- Strain relief and centre polarization on connectors are optional objects.
- Pre-assembled cable crimping cover.

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Kiran	16/04/09
CHECKED BY:	DATE:
Suresh	16/04/09
APPROVED BY:	DATE:
Farnell	30/04/09

DRAWING TITLE:			
6F Series Double Row Idc Socket			
SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M10002113	29040_DWG	A
SCALE: NTS		U.O.M.: mm	SHEET: 1 OF 2



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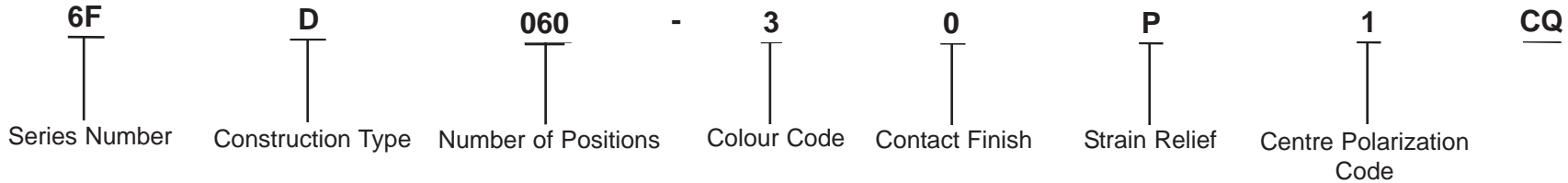
Specifications:

Current rating : 1A
 Minimum dielectric withstanding voltage : 5000V ac for 1 minute.
 Minimum insulation resistance : 1000MΩ 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 0.050 inches (1.27mm) centre ribbon cable.
 Mating force : 5.75oz (163gf) per maximum contact.
 Unmating force : 0.70oz (20gf) per minimum contact.
 Mating pitch length : 0.200 inches (5.08mm) to 0.250 inches (6.35mm) of 0.025 inches (0.635mm) square or round pin.

Part Number Table

Description	Part Number
Socket, IDC, With S/Relief, 60 Way	6FD060-30P1-CQ

Part Number Explanation:



Series Number : 6F = 100 Inches IDC Socket Connector.
Construction Type : D = Double Row.
Number of Positions : 060 = 60 Positions.
Colour Code : 3 = Black.
Contact Finish : 0 = Gold Flash Over 50µ Inches Nickel.
Strain Relief : P = Plastic Strain Relief with Open End Clamping Cover
Centre Polarization Code : 1 = With Centre Polarization of Housing.

<http://www.farnell.com>
<http://www.newark.com>
<http://www.cpc.co.uk>

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SCALE: NTS		U.O.M.: mm	SHEET: 2 OF 2