

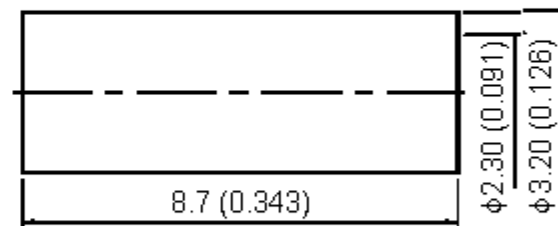
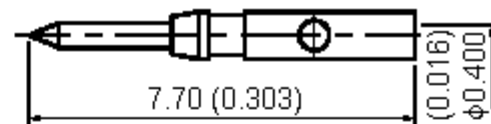
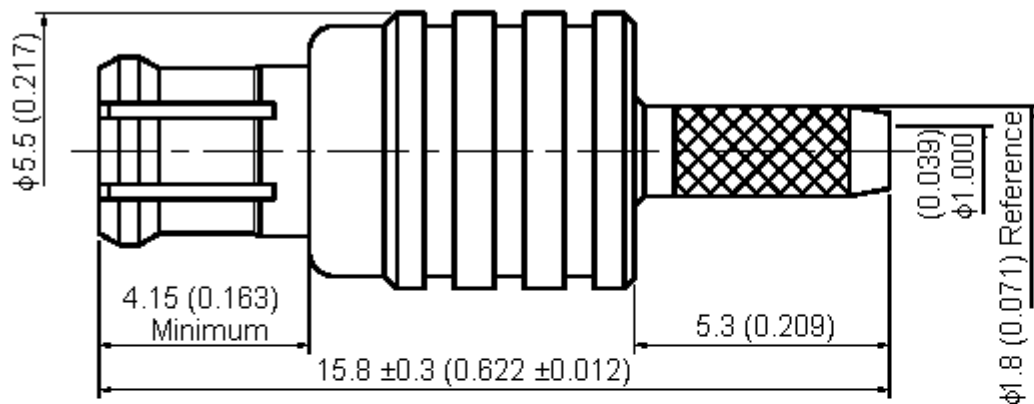


PART NO.

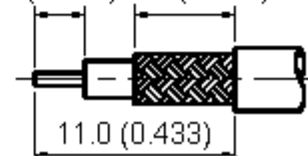
27-01M-3 TGG

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Shiv	04/9/07	Suresh	04/9/07	G. C	19/9/07



2.2 (0.086) 5.0 (0.197)



Stripping Dimension

Dimensions : Millimetres (Inches)

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Shivakumar.B

DATE:

04/09/07

CHECKED BY:

Suresh

DATE:

04/09/07

APPROVED BY:

G.Cook

DATE:

19/09/07

DRAWING TITLE:

27-01M-3 TGG

SIZE
A

DWG NO.

M10000530

ELECTRONIC FILE
1169676_DWGREV
A

SCALE: NTS

U.O.M.: mm (Inches)

SHEET: 1 OF 3



PART NO.

27-01M-3 TGG

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Specifications:**Electrical Characteristics:**

Frequency Range : DC-6GHz.
Nominal Impedance : 50 ohms.
Maximum Working Voltage : 170 volts.
Proof Voltage : 500 volts.
Maximum VSWR : 1.22 at 1GHz.
1.35 at 3GHz.

Materials:

Bodies : Brass per JIS-C3604
Beryllium copper per ASTM B196 UNS C17300.
Centre Contact : Brass per JIS-C3604.
Insulation : PTFE per ASTM D1457 and ASTM D1710.
Crimp Ferrule : Brass per JIS-C2700.

Mechanical Characteristics:

Interface in accordance with CECC 22220.
For use with RG178 or similar style cable.
Cable Attachment : Outer : Crimp
Inner : Solder.
Minimum Cable Retention : 6lbs.
Crimp Size Required : Contact : Solder.
Ferrule : 2.8 (0.110) hexagon crimp tool.

Environmental Characteristics:

Operating Temperature Range : -55°C to +155°C.

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SHEET: 2 OF 3



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Specification Table

Number	Description	Material	Finish	Part Number
1	Chassis	Beryllium Copper	Gold 3μ" Minimum	27-01M-3 TGG
2	Insulation	PTFE	None	
3	Body	Brass	Gold 3μ" Minimum	
4	Crimp Ferrule		Gold	
5	Centre Contact		Gold 30μ" Minimum	

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

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SHEET: 3 OF 3