

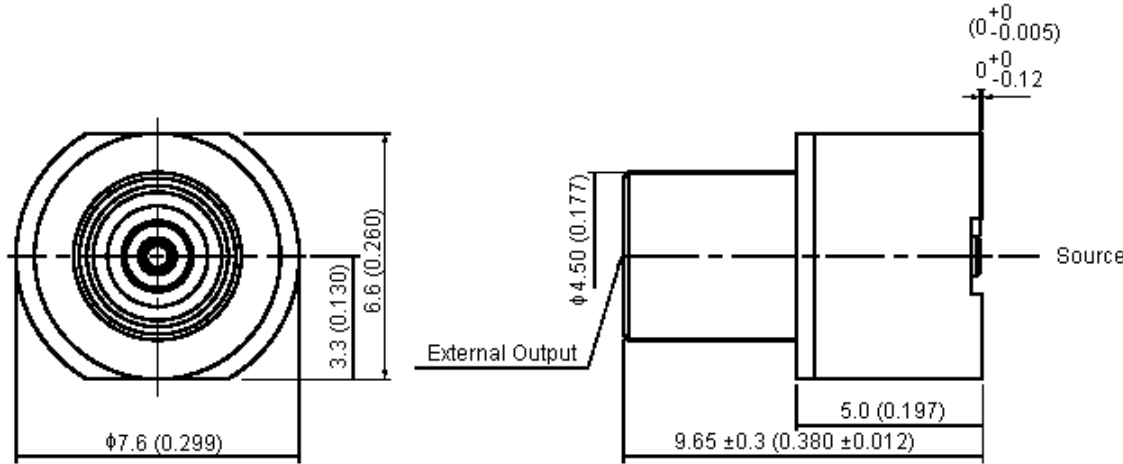


PART NO.

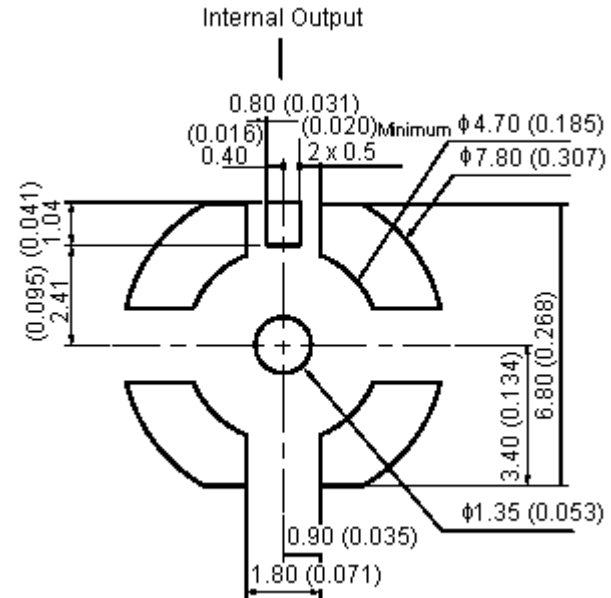
27-30 TGG

REVISIONS

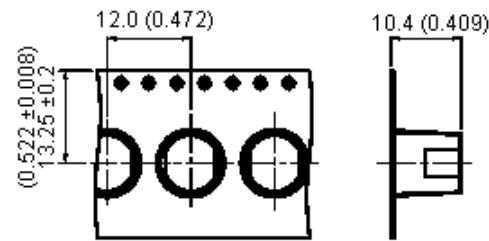
ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Veena	06/07/10	Jagan	06/07/10	Farnell	20/07/10



Recommended Land Pattern



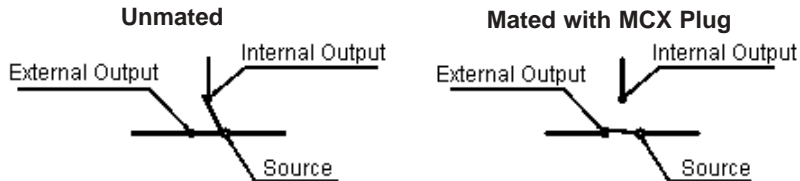
Dimensions : Millimetres (Inches)



Tape and Reel Packing

Scale 1.5:1

Dimensions : Millimetres (Inches)



Electrical Scheme

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Farnell	20/07/10

DRAWING TITLE:

MCX Jack Switch for Surface Mount

SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M10002453	27-30 TGG-DWG	A
SCALE: NTS	U.O.M.: mm (Inches)	SHEET: 1 OF 3	



PART NO.

27-30 TGG

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Specifications:

Electrical:

Frequency range : DC-3 GHz internal
 DC-6 GHz external.
 Nominal impedance : 50Ω.
 Maximum working voltage : 335 volts.
 Proof voltage : 1000 volts.
 Maximum VSWR : 1.5.

Materials:

Bodies : Brass per JIS-C3604.
 Centre contact : Beryllium copper per ASTM B196 UNS C17300.
 Brass per JIS-C3604.
 Insulation : Teflon per ASTM D1457 and ASTM D1710.

Finishes and others:

See below table for details.

Mechanical:

Interface in accordance with : CECC 22220.

Environmental:

Operating temperature range : -55°C to +155°C.

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MCX Jack Switch for Surface Mount			
SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M10002453	27-30 TGG-DWG	A
SCALE: NTS		U.O.M.: mm (Inches)	SHEET: 2 OF 3



PART NO.

27-30 TGG

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Specification Table

Item	Description	Material	Finish	Part Number
1	Body	Brass	Gold 3μ Inches Minimum	27-30 TGG
2	Centre Contact I	Beryllium Copper	Gold 10μ Inches Minimum	
3	Insulation I	Teflon	None	
4	Centre Contact II	Brass	Gold 10μ Inches Minimum	
5	Spring	Stainless Steel	None	
6	Insulation II	LCP	Black	
7	Centre Contact III	Brass	Gold 3μ Inches Minimum	
8	Insulation III	Teflon	None	

<http://www.farnell.com>

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SCALE: NTS		U.O.M.: mm (Inches)	SHEET: 3 OF 3