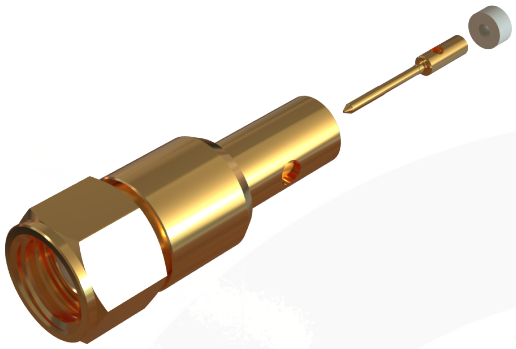
PRODUCT DATASHEET

635-32 (93 Ohm MICRODOT) STRAIGHT SOLDER/SOLDER PLUG

54-93-1-014-D3-HB



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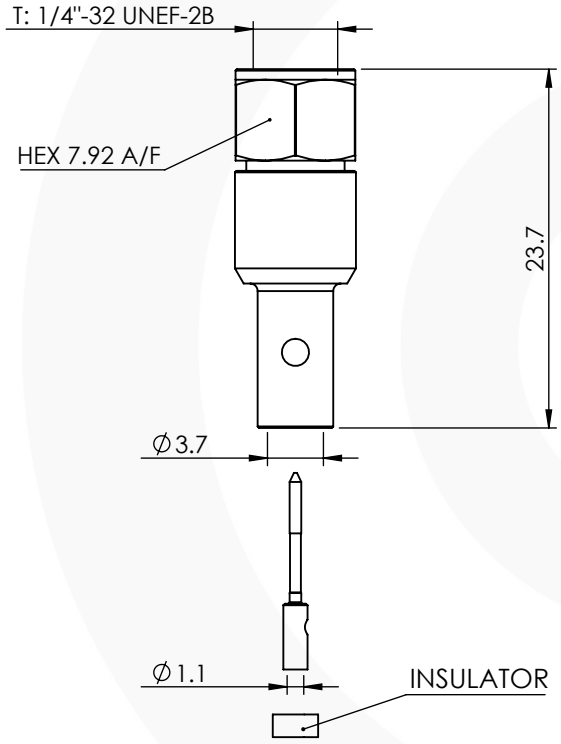
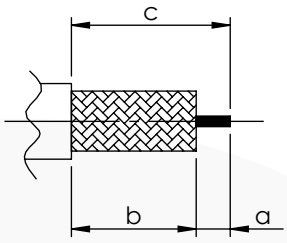


Suitable for Cables:

(HB) RG402 (0.141"), UT141

Stripping Dimensions



a = 4.5 mm
b = 11.0 mm
c = 15.5 mm

* IF USING JACKETED CABLE CUT JACKET TO DIM. "b"

Assembly Procedure:

Tooling

Centre Contact: Solder — Tool No: Not Applicable

Crimp Sleeve: Solder — Tool No: Not Applicable

Alignment Tool: Not Applicable — Extraction: Not Applicable

Environmental Specification

Operating Temp: -55 to +155 Deg C.
IP Rating (Mated): NONE

Electrical Specification

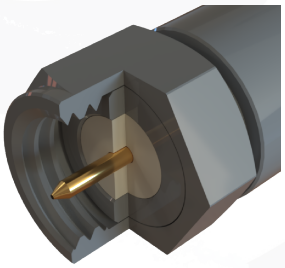
Impedance: 93 Ohm
Frequency: 0-2 GHz
Dielectric W/V: 1000 Veff
Insulation res: 5000 M-Ohm

Mechanical Specification

Contact Retention: 10 N min
Cable Retention: 150 N min
Mating cycles: 500
Weight: 4.94 g

Connector Interface

image for illustration purposes only



ITEM	DESCRIPTION	MATERIAL	PLATING
5	COUPLING NUT	BRASS	GOLD
4	RETAINING RING	STAINLESS STEEL	N/A
3	INSULATOR	PTFE	N/A
2	CENTRE CONTACT	BRASS	GOLD
1	BODY	BRASS	GOLD

A4	SHEET 1 OF 1		DIMENSIONS ARE IN MILLIMETRES	
REVISION : A00			NAME	SIGNATURE	DATE
ISSUE : 1		DRAWN	G.E.		09/02/2026
		CHK'D	P.S.		09/02/2026
		APPV'D			

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MIDDLESEX.
TW1 4JR

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Model File: C:\Fusion Components Ltd\CAD Data\Solid Models\Z - Match IT SERIES\TOP LEVEL\63532 11290
Cad File: C:\Fusion Components Ltd\CAD Data\Drawings\Z - Match IT SERIES\DATA SHEETS\54-93-1-014-D3-HB