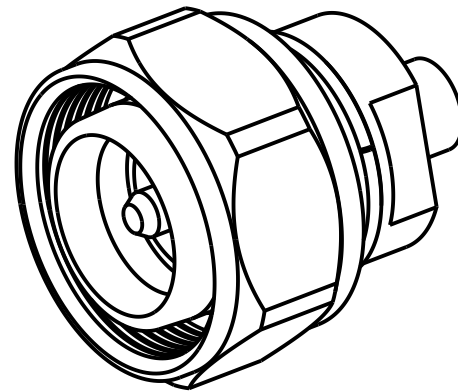


1. MATERIALS AND FINISHES:
INNER CONDUCTOR - BRASS
OUTER CONDUCTOR - BRASS
NUT - BRASS
INSULATOR - PTFE, NATURAL
O-RING - SILICONE RUBBER, RED
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 3 GHz
C. VSWR: 1.10 MAX.
D. INSERTION LOSS: .1 MAX.
E. DWV: 1000VRMS
F. INTERMODULATION: ≤ -166 dBc (2 X 43 dBm)
G. INSULATION RESISTANCE: 5000 $m\Omega$
H. CONTACT RESISTANCE: OUTER CONDUCTOR $< 1.0 m\Omega$
INNER CONDUCTOR $< 1.0 m\Omega$
3. MECHANICAL:
A. DURABILITY: 500 CYCLES MIN.
B. TEMPERATURE RANGE: -40° C TO $+85^{\circ}$ C
C. COMPATIBLE WITH ALL STANDARD 4.3/10 PLUGS
4. ENVIRONMENTAL:
A. PLUG MEETS IP-67 STANDARD IN MATED CONDITION.
5. ASSEMBLY SPEC. 349-50925
6. CONTACT/INSULATOR ASSEMBLY, REAR INSULATOR, AND SLEEVE TO BE SHIPPED LOOSE IN BAG
7. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 431-123P-52S, AND DATE CODE"



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES ± 0.05mm ±0.1mm ±0.2mm ± 0.3mm ±1° NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.	MATERIAL BRASS	DRAWN K. ELMES	DATE 09-Mar-16	TITLE 4.3/10SM-RG402	Amphenol RF www.amphenolrf.com	
		ENGINEER K. ELMES	DATE 09-Mar-16			
	REFERENCE EAR #6645	APPROVED K. CAPOZZI	DATE 10/21/16	SCALE: 2.0:1.0	SHEET 2 OF 2	DRAWING NO.431-123P-52S
	FINISH	CAD FILE		DWG SIZE B	REV A	ITEM NO.431-123P-52S PART NO.431-123P-52S

Mouser Electronics

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