

NOTES:

1. MATERIALS AND FINISHES:
BODIES, CONTACT, CLAMPS, BUSHING
BAYONET SLEEVE, NUT, WASHERS - BRASS, GOLD PLATING
INSULATOR - PTFE, NATURAL
SPRING - STAINLESS STEEL, NICKEL PLATING
GASKETS - SILICONE RUBBER, RED

2. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 33-5142-1, AND DATE CODE"

3. FOR ASSEMBLY INSTRUCTIONS SEE AMPHENOL SPEC. 349-50329.

4 SHOWS CABLE ENTRY DIMENSIONS .

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECN	APPR
--	RELEASE TO MFG.	--	--	
H	REDRAWN IN PRO-E, IMPERIAL UNITS & COD SHEET ADDED	03-Jan-18	6381	AAP

SCALE 3.000

Exploded view diagram of the DM STR PLUG assembly. The diagram shows the following components and dimensions:

- CONTACT:** Dimensions: $\varnothing 1.32$ [0.052]
- WASHER:** Dimensions: $\varnothing 1.78$ [0.070]
- GASKET:** Dimensions: $\varnothing 1.27$ [0.050]
- CLAMP:** Dimensions: $\varnothing 1.78$ [0.070]
- BUSHING:** Dimensions: $\varnothing 2.22$ [0.087]
- NUT:** Dimensions: $\varnothing 5.54$ [0.218]
- 5/16" HEX:** Dimensions: $\varnothing 4.06$ [0.160]
- 9/32-40NS-2A THREAD:**
- STAMP "AMPHENOL 33-5142-1":**
- 5/16" HEX:**
- Ø 7.92 REF [0.312] TYP(2):**
- Ø 9.53 REF [0.375]:**
- 120° TYP(3):**
- 18.29 REF [0.720]:**

CABLE SPECIFICATIONS				
OUTER JACKET DIA		PRIMARY INSULATION DIA.	INNER CONDUCTOR DIA.	
MIN.	MAX.	MAX.	MAX.	
2.29 [0.090]	2.92 [0.115]	1.68 [0.066]	1.22 [0.048]	

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
<0.5mm ± 0.05mm 0.5 - 6mm ± 0.1mm 6 - 30mm ± 0.2mm 30 - 120mm ± 0.3mm ANGLES ± 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	SEE NOTES	DRAWN	A ARUN PRABU	DATE	18-Dec-17	TITLE	DM STR PLUG	SCALE: 5.5:1.0	SHEET	2 OF 2	REV	H	DWG SIZE	B
REFERENCE	K.CAPOZZI	ENGINEER	K.CAPOZZI	DATE	18-Dec-17									
EAR#		APPROVED	K.CAPOZZI	DATE	03-Jan-18									
REF:														
CONFIGURATION LEVEL:	In Work	CAD FILE												
FINISH														

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

Amphenol RF

www.amphenolrf.com

DRAWING NO. 33-5142-1

ITEM NO. 33-5142-1

PART NO. 33-5142-1