

NOTES:

1. MATERIAL AND FINISH:

BODY, WASHER & RETAINING RING - BRASS, NICKEL PLATING

COUPLING NUT - ZINC DIECAST, NICKEL PLATING

CONTACT - BRASS, GOLD PLATING

INSULATOR - DELRIN, NATURAL

GASKET - RUBBER, RED

SPRING - BeCu, NICKEL PLATING

FERRULE - COPPER, NICKEL PLATING

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM

B. DIELECTRIC WITHSTANDING VOLTAGE: 1500 VRMS, MIN.

3. MECHANICAL:

A. DURABILITY: 500 CYCLES MIN.

B. TEMPERATURE RANGE: -40° C TO +85° C

4. PACKAGING:

A. QUANTITY: SINGLE PACK

B. MARKING: BAG TO BE MARKED

"AMPHENOL RF, 31-320-RFX , AND DATE CODE"

5. CABLE ASSEMBLY INSTRUCTIONS

A. TRIM CABLE AS SHOWN.

B. INSERT CABLE CENTER CONDUCTOR TO CONTACT.SOLDER OR CRIMP CONTACT WITH .068" HEX DIE.

C. INSERT CABLE INTO CONNECTOR WITH BRAID OVER KNURL UNTIL IT BOTTOMS.

D. CRIMP FERRULE WITH .213" HEX DIE.

THIRD ANGLE PROJ.

REV

DESCRIPTION

DATE

ECO

APPR

B

31-320-ND3G-58U-50 WAS KJ-B1121A1-ND3G-58U-50\N/A

12-May-99

D

STAMP FOR ITEM 1 WAS CHANGED\RD-DM08052801T

11-Jun-08

E

SPRING WAS CHANGED

23-Dec-10

47967

SH

F

REDRAWN IN PRO-E & SYNCHED DRAWING

11-Nov-13

49780

SH

G

UPDATED ARFA CROSS, BODY + CONTACT\RD-DM16070102S7

11-Jul-16

01103

MM

RECOMMENDED CABLE STRIPPING DIMENSIONS

SCALE 2.000

CONTACT

Ø2.1

Ø2.5

Ø1.1

6

12.4

FERRULE

Ø5.33

Ø6.48

6

12.7

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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	DRAWN	DATE	TITLE		Amphenol RF		
	SEE NOTES	STAR	11-Jul-16					
		ENGINEER	DATE					
	REFERENCE	APPROVED	DATE	BNC CRIMP PLUG		DRAWING NO. B1121A1-109-ND3G-50		
	EAR #	S.HSIEH	11-Jul-16	FOR RG-142A/U, 400/U		ITEM NO. 011121APQ02ND5F		
	CONFIGURATION LEVEL: In Work	CAD FILE		SCALE: 5.5:1.0		PART NO. 31-320-RFX		
				SHEET 2 OF 2				
		FINISH		DWG SIZE		REV		
				B		G		

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