NOTES:

I. MATERIALS AND FINISHES(IN MICRO-INCHES):

= ZINC ALLOY DIECAST, MATTE TIN PLATED

CONTACT = BERYLLIUM COPPER, GOLD PLATED

CAP = BRASS, NICKEL PLATING
INSULATOR = PTFE, COLOR: NATURAL
O-RING = HYDROGENATED NITRILE , COLOR: GREEN (CAP)
O-RING = SILICNE RUBBER , COLOR: RED (INTERFACE) HOUSING = PPE+PS, UNFILLED, COLOR & KEYING PER AMPHENOL SPEC. FAKRA-KEY-JACK

(REFER TO TABLE BELOW FOR KEY CODE)

FERRULE = COPPER, NICKEL PLATED = POLYOLÉFIN, ADHESIVE-LINED HST

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM (NOMINAL) B. FREQUENCY RANGE: DC - 3.0 GHz

C. VSWR(RETURN LOSS): 1.200 (-20.8 dB), MAX.(DC-200 MHz) (MATED PAIR) 1.400 (-15.6 dB), MAX.(200 MHz-2.0 GHz)

1.500 (-13.9 dB), MAX.(2.0-3.0 GHz)

D. D.W.V.: 800 VRMS, MIN.

3. MECHANICAL:

A. DURABILITY: 100 CYCLES MIN. B. TEMPERATURE RANGE: -40° C TO 85° C C. ENVIRONMENTAL SEAL: IP67 (WHEN MATED)

4. PACKAGING:

A. QUANTITY: TRAY PACK

B. MARKING: TRAY TO BE MARKED

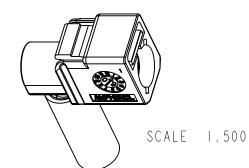
"AMPHENOL RF, 3FAIENXRJ-COIER (PER TABLE), AND DATE CODE"

5. CRIMPED FERRULE HEX CRIMP SIZE .128" CONTACT PIN TO SOLDER

6. ALL DIMENSIONS MECHANICAL & ELECTRICAL DESIGN COMPLY WITH DIN 72594-1 AND USCAR-18 SPEC.

7. CABLE ASSEMBLY INSTRUCTIONS PER 349-50883

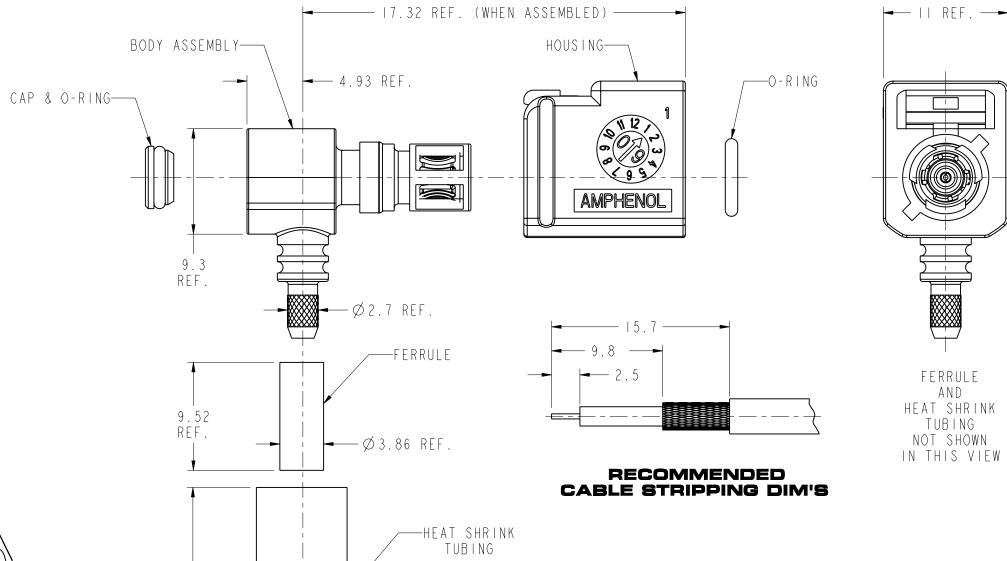
CODING	DRAWING NO.	<u>COLOR</u>	RAL NO.
А	3FAIENARJ-COIER	JET BLACK	9005
В	3FAIENBRJ-COIER	CREAM WHITE	9001
С	3FAIENCRJ-COIER	SIGNAL BLUE	5005
D	3FAIENDRJ-COIER	CLARET VIOLET	4004
E	3FAIENERJ-COIER	LEAF GREEN	6002
F	3FAIENFRJ-COIER	NUT BROWN	8011
G	3FAIENGRJ-COIER	BLUE GREY	7031
Н	3FAIENHRJ-COIER	HEATHER VIOLET	4003
	3FAIENIRJ-COIER	BEIGE	1001
K	3FAIENKRJ-COIER	CURRY	1027
L	3FAIENLRJ-COIER	CARMINE RED	3002
М	3FAIENMRJ-COIER	PASTEL ORANGE	2003
N	3FAIENNRJ-COIER	PASTEL GREEN	6019
Z	3FAIENZRJ-COIER	WATER BLUE	5021





CONFIGURATION CONTROL: NO CHANGES PERMITTED TO DRAWING WITHOUT PPAP QUALIFIED CUSTOMER APPROVAL





CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES \pm 0.05mm $\pm\,$ 0.lmm ± 0.3mm $\pm\,$ 0.2mm

NOTICE - These drawings, specifications, or other data (I) are, and remain the property of Amphenol corp. (2) must be returned upon requiest; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the funishing 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 sperson 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 E WANKOFF	DATE 10/4/16	TITLE FAKRA F
	-	ENGINEER E WANKOFF	DATE 10/4/16	CABLE G
	REFERENCE FAR # 6049 AND	APPROVED	DATE	
		S.HSIEH	21-Mar-17	SCALE: 3.0
CONFIGURATION LEVEL:	CONFIGURATION LEVEL:	CAD FILE		DW
	FINISH			

19 RFF.

FAKRA	R/A	JACK.	GEN	3.5.	
FAKRA CABLE IP67 S	GROU SEALE	JP COI	,		

SCALE:	3.0:1.0	SHEET	2	OF 2	
DWG SIZĖ			REV		
В			Α		

Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com
DRAWING NO. 3FAIENXRJ-COIER

) R A W I	NG NO.	3FAIENXRJ-COIER
ITEM	NO.	3FAIENXRJ-COIER
PART	NO.	3FAIENXRJ-COIER

Mouser Electronics

Authorized Distributor

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