

NOTES:

THIRD ANGLE PROJ. 

REVISIONS

1. MATERIALS AND FINISHES(MICRO-INCHES):

BODY = CAST ZINC ALLOY, MATTE TIN PLATED
INNER BODY = BRASS, MATTE TIN PLATED
INSULATOR = PTFE, COLOR: NATURAL
FERRULE = COPPER ALLOY, NICKEL PLATING
SHRINK TUBING = POLYOLEFIN, ADHESIVE LINED, COLOR: BLACK
CONTACTS SUPPLIED SEPARATELY AS P/N : FKCP08403 (5000 PCS. REEL)

2. ELECTRICAL:

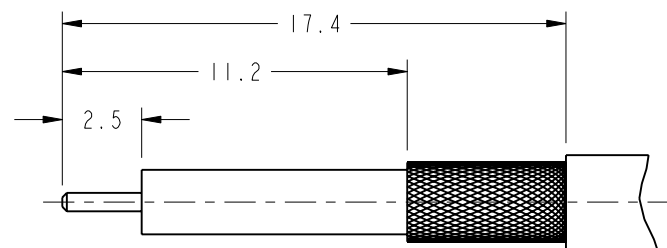
A. IMPEDANCE: 50 OHM, NOMINAL
 B. FREQUENCY RANGE: DC-3.0 GHz
 C. VSWR (RETURN LOSS): 1.200 (-20.8dB) MAX. (DC-200 MHz)
 (MATED PAIR) 1.400 (-15.6dB) MAX. (200 MHz-2.0 GHz)
 1.500 (-13.9dB) MAX. (2.0-3.0 GHz)
 D. D.W.V.: 800 VRMS, MIN.

3. MECHANICAL:

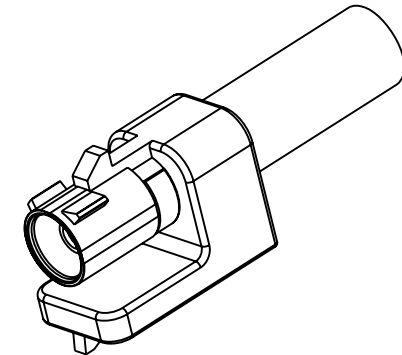
A. DURABILITY: 100 CYCLES MIN.
B. TEMPERATURE RANGE: -40° C TO +105° C
C. ENVIRONMENTAL SEAL: IP67
(WHEN MATED TO: 3FA1XNXSJ-CXXE0)

4. ASSEMBLY:

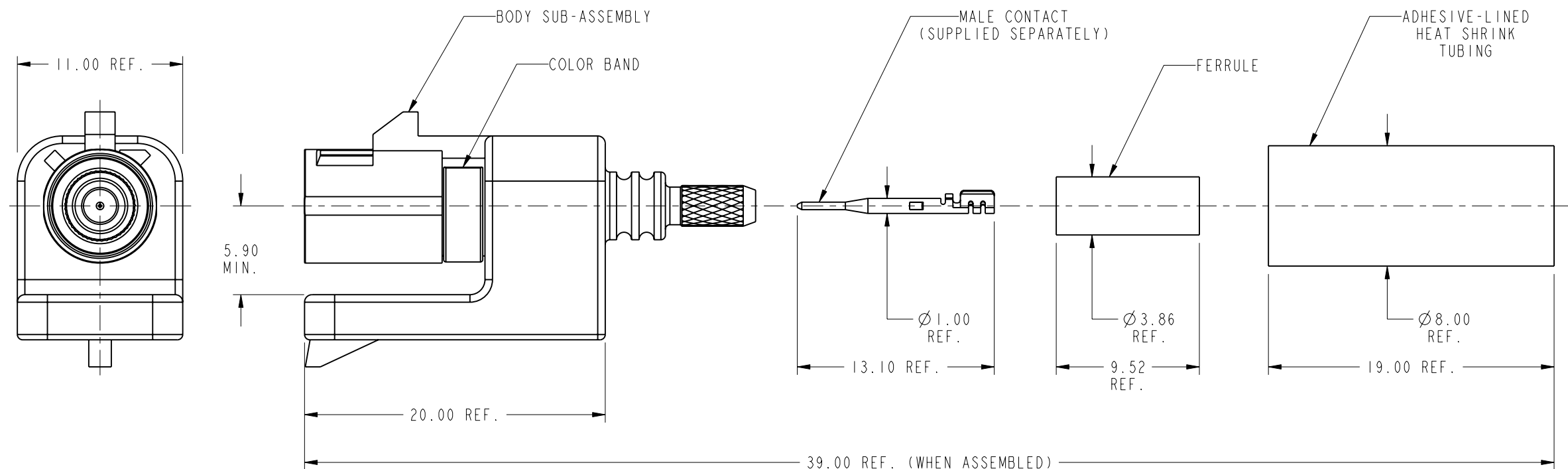
A. CONNECTOR ASSEMBLY INSTRUCTION: 349-50832
B. CRIMP CONTACT ONTO CABLE PER 349-50747



RECOMMENDED CABLE STRIPPING DIMENSIONS



<u>CODING</u>	<u>DRAWING NO.</u>	<u>COLOR</u>	<u>RAL NO.</u>
A	2FAI-NASP-C01E6	JET BLACK	9005
B	2FAI-NBSP-C01E6	CREAM	9001
C	2FAI-NCSP-C01E6	SIGNAL BLUE	5005
D	2FAI-NDSP-C01E6	CLARET VIOLET	4004
E	2FAI-NESP-C01E6	LEAF GREEN	6002
F	2FAI-NFSP-C01E6	NUT BROWN	8011
G	2FAI-NGSP-C01E6	BLUE GREY	7031
H	2FAI-NHSP-C01E6	HEATHER VIOLET	4003
I	2FAI-NISP-C01E6	BEIGE	1001
K	2FAI-NKSP-C01E6	CURRY	1027
L	2FAI-NLSP-C01E6	CARMINE RED	3002
M	2FAI-NMSP-C01E6	PASTEL ORANGE	2003
N	2FAI-NNSP-C01E6	PASTEL GREEN	6019
Z	2FAI-NZSP-C01E6	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 ± 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 sperson to manufacture, use or sell any product, process or design, patented or otherwsie, that may in any way be related to or disclosed by said drawings, specifications, or other data.	MATERIAL SEE NOTES REFERENCE EAR# 5993 AND CONFIGURATION LEVEL: FINISH	DRAWN C.YU	DATE 24-Feb-15	TITLE FAKRA (GEN 2.5) PLUG, COI CABLE GROUP, W/ CP (SEPARATE CONTACT)		Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com		
		ENGINEER R.SHANG	DATE 24-Feb-15			DRAWING NO. 2FA1-NXSP-C01E6		
			APPROVED S.HSIEH	DATE 16-Jul-15	SCALE: 3.0:1.0	SHEET 2 OF 2	ITEM NO. 2FA1-NXSP-C01E6	
			CAD FILE	DWG SIZE B	REV A	PART NO. 2FA1-NXSP-C01E6		