

NOTES:

1. MATERIALS AND FINISHES(PLATING THICKNESS IN MICRO-INCHES):

BODY	= BRASS, GOLD PL. 3 MIN.THICK OVER NICKEL PL.100 MIN. THICK OVER COPPER STRIKE
CONTACT	= BRASS, GOLD PL. 30 MIN.THICK OVER NICKEL PL.100 MIN. THICK OVER COPPER STRIKE
LOCK COVER	= NYLON46 (WITH 30% GLASS FIBER), COLOR PER AMPHENOL SPEC. 349-50688 (REFER TO TABLE BELOW FOR KEY CODE COLOR)
INSULATOR	= TEFLON MIL-P-19468, COLOR: NATURAL
RING	= BRASS, GOLD PL. 3 MIN.THICK OVER NICKEL PL.100 MIN. THICK OVER COPPER STRIKE

2. ELECTRICAL:

- A. IMPEDANCE: 50 OHM NOMINAL
- B. FREQUENCY RANGE: DC-6 GHz (OPTIMIZED FOR DC - 4 GHz)
- C. VSWR(RETURN LOSS): 1.4 (-15.6 dB), MAX.(DC-2 GHz)
(MATED PAIR) 1.5 (-13.9 dB), MAX.(2 -3 GHz)
- D. DIELECTRIC WITHSTANDING VOLTAGE: 800 VRMS, MIN.

3. MECHANICAL:
A. DURABILITY: 100 CYCLES MIN.
B. TEMPERATURE RANGE: -40°C TO +100°C

4. PACKAGING:
A. QUANTITY: TRAY PACK
B. MARKING: TRAY TO BE MARKED
"AMPHENOL,FKI251XX-012-3GT30G-50,AND DATE CODE"

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

6. RoHS COMPLIANT

7. MAX. SOLDERING TEMPERATURE +265°C FOR 10 SEC.

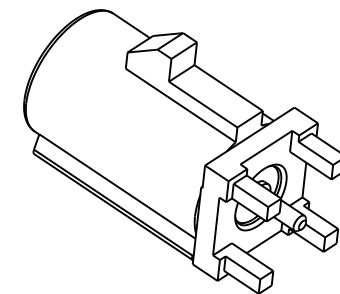
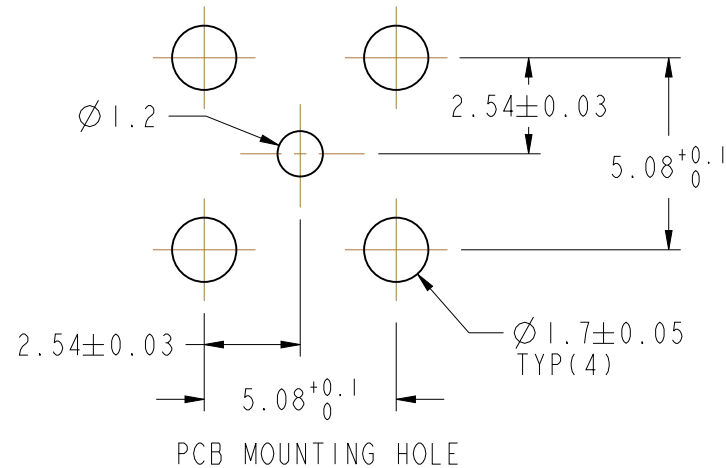
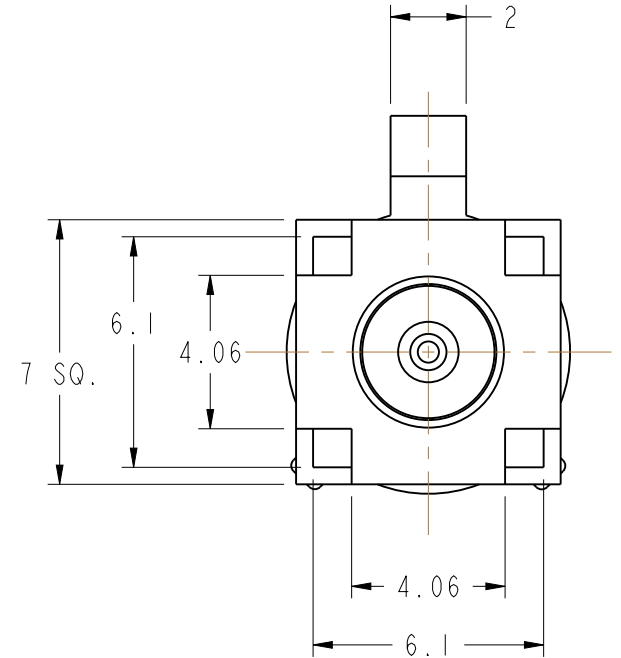
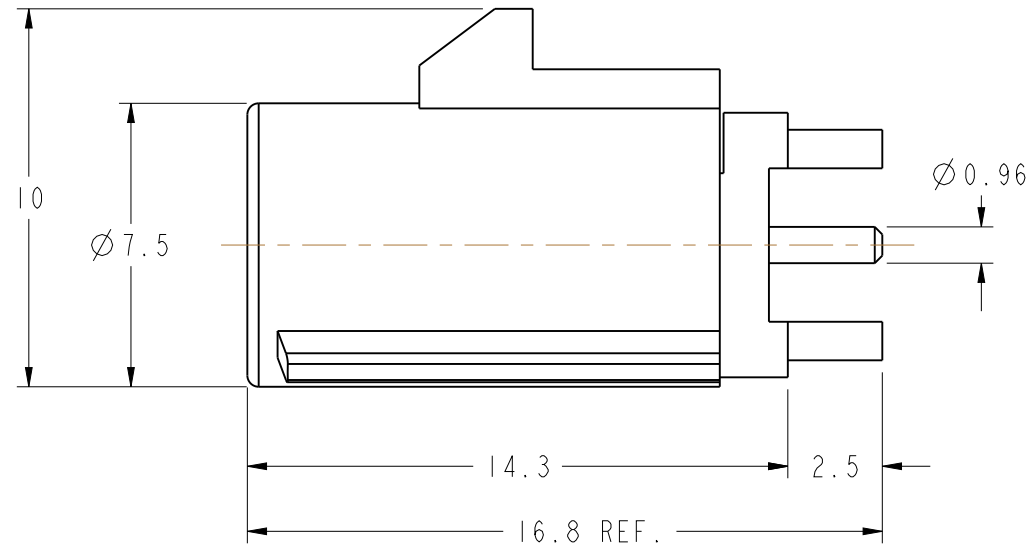
8. NOT COMPLIANT WITH USCAR-17 4.2.1 SIDELOAD

TABLE

<u>CODING</u>	<u>DRAWING NO.</u>	<u>PART NO.</u>	<u>COLOR</u>	<u>RAL NO.</u>
A	FKI25IAW-012-3GT30G-50	FAI-NASP-PCBD6	JET BLACK	9005
B	FKI25IBW-012-3GT30G-50	FAI-NBSP-PCBD6	CREAM	9001
C	FKI25ICW-012-3GT30G-50	FAI-NCSP-PCBD6	SIGNAL BLUE	5005
D	FKI25IDW-012-3GT30G-50	FAI-NDSP-PCBD6	CLARET VIOLET	4004
E	FKI25IEW-012-3GT30G-50	FAI-NESP-PCBD6	LEAF GREEN	6002
F	FKI25IFW-012-3GT30G-50	FAI-NFSP-PCBD6	NUT BROWN	8011
G	FKI25IGW-012-3GT30G-50	FAI-NGSP-PCBD6	BLUE GREY	7031
H	FKI25IHW-012-3GT30G-50	FAI-NHSP-PCBD6	HEATHER VIOLET	4003
I	FKI25IIW-012-3GT30G-50	FAI-NISP-PCBD6	BEIGE	1001
K	FKI25IKW-012-3GT30G-50	FAI-NKSP-PCBD6	CURRY	1027
L	FKI25ILW-012-3GT30G-50	FAI-NLSP-PCBD6	CARMINE RED	3002
M	FKI25IMW-012-3GT30G-50	FAI-NMSP-PCBD6	PASTEL ORANGE	2003
N	FKI25INW-012-3GT30G-50	FAI-NNSP-PCBD6	PASTEL GREEN	6019
Z	FKI25IZW-012-3GT30G-50	FAI-NZSP-PCBD6	WATER BLUE	5021

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:			
0.5 - 6mm	6 - 30mm	30 - 120mm	ANGLES
±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.



SCALE 2.500

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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		ENGINEER JERRY	DATE 23-Nov-07							
	REFERENCE	APPROVED ANGELA	DATE 23-Nov-07	SCALE: 1.0:1.0		SHEET 2 OF 2		DRAWING NO. FK1251XX-012-3GT30G-50		
		CAD FILE			DWG SIZE B	CODE ID 74868	REV D	ITEM NO. FK1251AMX02GE5F		
	FINISH	I:\FAKRA\FK1251XX-012-3GT30G-50						PART NO. FA1-NXSP-PCBD6		