

NOTES:

ALL DIMENSIONS ARE NOMINAL FOR REFERENCE
ONLY UNLESS OTHERWISE STATED;

1.ELECTRICAL CHARACTERISTICS:

IMPEDANCE:50 Ω

FREQUENCY:DC-9GHz

VSWR: 0~3G: ≤ 1.3
3~6G: ≤ 1.5
6~9G: ≤ 1.9

INSERTION LOSS: < 1.70dB@3.0GHz; < 2.47dB@6.0GHz.

D.W.V: 200VRWS,MIN.

2.MECHANICAL CHARACTERISTICS:

ENDURANCE: 25 CYCLES MIN.
FAKRA CONNECTOR: IP67 UNMATED.

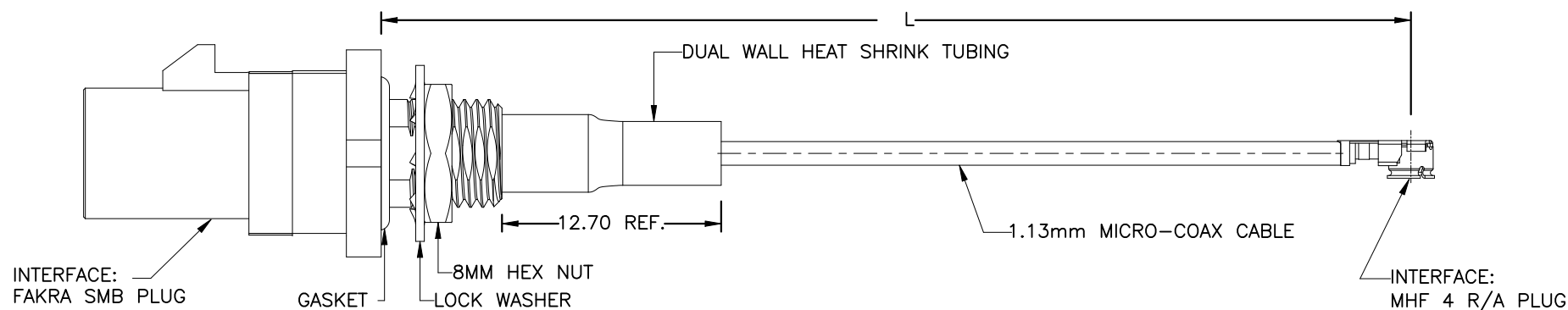
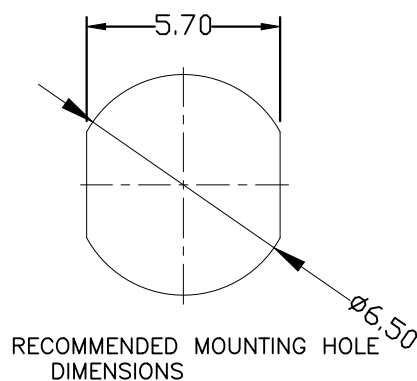
3.ENVIRONMENTAL PARAMETER:

TEMPERATURE RANGE: -40°C TO +90°C
RoHS: COMPLIANT.

CABLE ASSEMBLY TO BE 100% TESTED FOR CONTINUITY & HI-POT.

TEPN	DESCRIPTION	L(mm)
2550664-1	FAKRA-P TO MHF4-P BH 500HM, A 1.13 L200	200±10
2550664-2	FAKRA-P TO MHF4-P BH 500HM, B 1.13 L200	200±10
2550664-3	FAKRA-P TO MHF4-P BH 500HM, C 1.13 L200	200±10
2550664-4	FAKRA-P TO MHF4-P BH 500HM, D 1.13 L200	200±10
2550664-5	FAKRA-P TO MHF4-P BH 500HM, E 1.13 L200	200±10
2550664-6	FAKRA-P TO MHF4-P BH 500HM, F 1.13 L200	200±10
2550664-7	FAKRA-P TO MHF4-P BH 500HM, G 1.13 L200	200±10
2550664-8	FAKRA-P TO MHF4-P BH 500HM, H 1.13 L200	200±10
2550664-9	FAKRA-P TO MHF4-P BH 500HM, I 1.13 L200	200±10
1-2550664-0	FAKRA-P TO MHF4-P BH 500HM, K 1.13 L200	200±10
1-2550664-1	FAKRA-P TO MHF4-P BH 500HM, L 1.13 L200	200±10
1-2550664-2	FAKRA-P TO MHF4-P BH 500HM, M 1.13 L200	200±10
1-2550664-3	FAKRA-P TO MHF4-P BH 500HM, N 1.13 L200	200±10
1-2550664-4	FAKRA-P TO MHF4-P BH 500HM, Z 1.13 L200	200±10

CODING	COLOR
A	JET BLACK
B	CREAM WHITE
C	SIGNAL BLUE
D	CLARET VIOLET
E	LEAF GREEN
F	NUT BROWN
G	BLUE GREY
H	HEATHER VIOLET
I	BEIGE
K	CURRY
L	CARMINE RED
M	PASTEL ORANGE
N	PASTEL GREEN
Z	WATER BLUE



MATERIALS AND FINISHES:

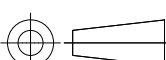
FINISH (PLATING THICKNESS IN MICRO-INCHES)

NOTE:

1. 200 MICROINCHES MIN NICEKL PLATED.
THICK OVER COPPER STRIKE
2. 5 MICROINCHES MIN GOLD PLATED,
100 MICROINCHES MIN OVER NICKEL UNDERPLATED,
THICK OVER COPPER STRIKE
3. 100 MICROINCHES MIN OVER NICKEL UNDERPLATED,
THICK OVER COPPER STRIKE

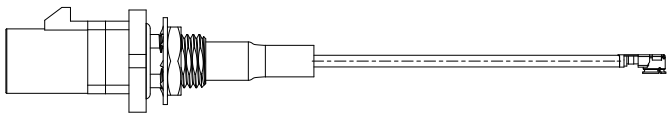
NOTE 3	LEAD-FREE BRASS	NUT	7
PASSIVATION	STAINLESS STEEL	LOCKWASHER	6
RED	SILICONE	GASKET	5
N/A	TEFLON MIL-P-19468	INSULATOR	4
NOTE 2	LEAD-FREE BRASS	CONTACT PIN	3
NOTE 1	LEAD-FREE BRASS	BODY	2
-	THERMOPLASTIC	HOUSING	1
FAKRA SMB PLUG			
GOLD PLATING	PHOSPHOR BRONZE	CONTACT PIN	2
GOLD PLATING	PHOSPHOR BRONZE	BODY	1
MHF 1 R/A PLUG			
FINISH/PLATING	MATERIAL	DESCRIPTION	

1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	PC	/	MHF 4 R/A PLUG	3
															mm	/	MICRO-COAX CABLE 1.13mm (BLACK)	2
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	PC	/	FAKRA SMB PLUG	1
1-4	1-3	1-2	1-1	1-0	-9	-8	-7	-6	-5	-4	-3	-2	-1	U/N	TEPN		DESCRIPTION	ITEM
QUANTITY PER ASSY																	PARTS LIST	

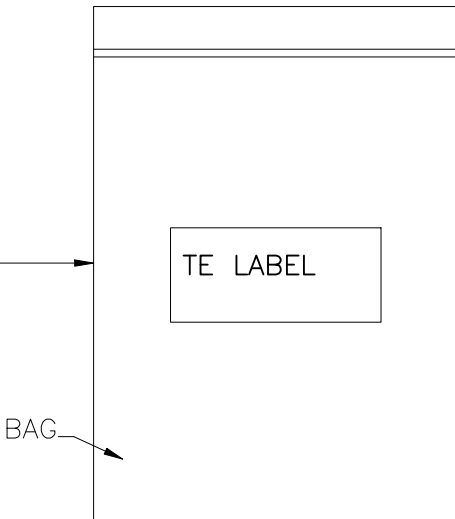
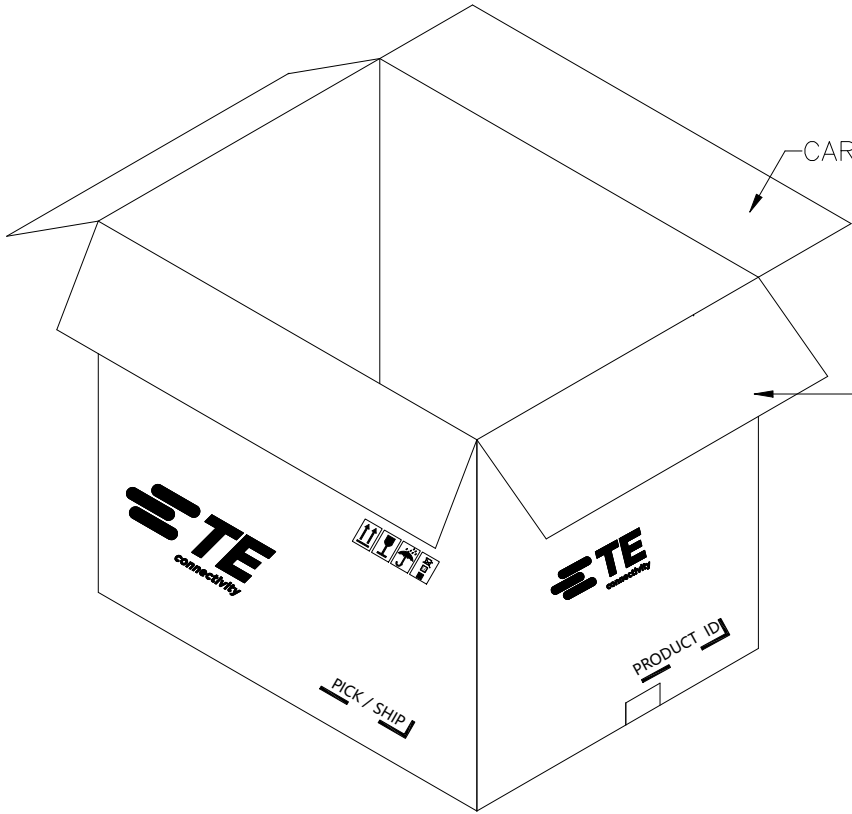
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 10MAR2026 SARGUNAM, YAZHINI CHK 10MAR2026 CHEE, TSHUPIN		 TE Connectivity Ltd.	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± 1 2 PLC ± 2 3 PLC ± 5 4 PLC ± — ANGLES ± 10		APVD 10MAR2026 ZI, WILL PRODUCT SPEC — APPLICATION SPEC —	
		WEIGHT —		NAME FAKRA-P TO MHF4-P BH 500HM, A 1.13 L200 — —	
MATERIAL —		FINISH —		SIZE A3	CAGE CODE 00779
		CUSTOMER DRAWING		DRAWING NO C-2550664	RESTRICTED TO —
				SCALE 1:1	SHEET 1 OF 2
				REV A	

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—

- NOTE:
1. PACKAGE QUANTITY:
- X-2550664-X : 25PCS/BAG, 20BAG/CARTON, TOTAL: 500PCS/CARTON;
2. NET WEIGHT, GROSS WEIGHT:
- X-2550664-X : 5.92g/PCS, 3960g/CARTON;

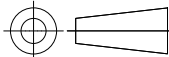


STICK A LABEL ON THE BAG



CARTON

STICK A LABEL ON THE CARTON.

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DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME FAKRA—P TO MHF4—P BH 500HM, A 1.13 L200	
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		CUSTOMER DRAWING		DRAWING NO C—2550664	
				RESTRICTED TO —	
				SCALE 1:1	
				SHEET 2 OF 2	
				REV A	