

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: ≤1.90

INSERTION LOSS:< 1.22dB@3.0GHz;< 1.79dB@6.0GHz.

D.W.V: 200VRWS,MIN.

2.MECHANICAL CHARACTERISTICS:

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

3.ENVIRONMENTAL PARAMETER:

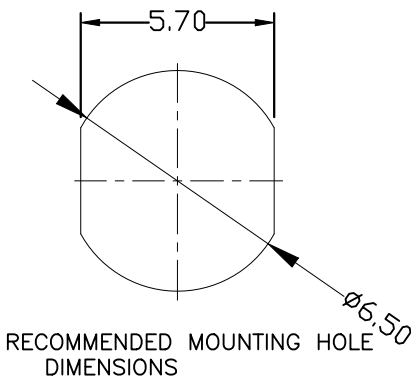
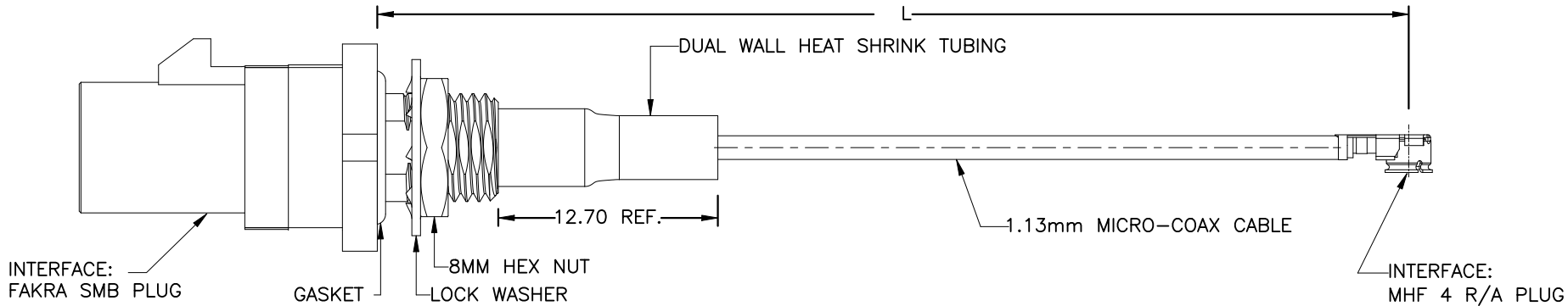
TEMPERATURE RANGE: –40°C TO +90°C
RoHS: COMPLIANT.

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

TEPN	DESCRIPTION	L(mm)
2550658–1	FAKRA–P TO MHF4–P BH 500HM, A 1.13 L100	100±5
2550658–2	FAKRA–P TO MHF4–P BH 500HM, B 1.13 L100	100±5
2550658–3	FAKRA–P TO MHF4–P BH 500HM, C 1.13 L100	100±5
2550658–4	FAKRA–P TO MHF4–P BH 500HM, D 1.13 L100	100±5
2550658–5	FAKRA–P TO MHF4–P BH 500HM, E 1.13 L100	100±5
2550658–6	FAKRA–P TO MHF4–P BH 500HM, F 1.13 L100	100±5
2550658–7	FAKRA–P TO MHF4–P BH 500HM, G 1.13 L100	100±5
2550658–8	FAKRA–P TO MHF4–P BH 500HM, H 1.13 L100	100±5
2550658–9	FAKRA–P TO MHF4–P BH 500HM, I 1.13 L100	100±5
1–2550658–0	FAKRA–P TO MHF4–P BH 500HM, K 1.13 L100	100±5
1–2550658–1	FAKRA–P TO MHF4–P BH 500HM, L 1.13 L100	100±5
1–2550658–2	FAKRA–P TO MHF4–P BH 500HM, M 1.13 L100	100±5
1–2550658–3	FAKRA–P TO MHF4–P BH 500HM, N 1.13 L100	100±5
1–2550658–4	FAKRA–P TO MHF4–P BH 500HM, Z 1.13 L100	100±5

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

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	GO TO PRODUCTION (ECN–26–399857)	17AUG2026	YS	AM



MATERIALS AND FINISHES:
FINISH (PLATING THICKNESS IN MICRO–INCHES)
NOTE:

- 200 MICROINCHES MIN NICKEL PLATED, THICK OVER COPPER STRIKE
- 5 MICROINCHES MIN GOLD PLATED, 100 MICROINCHES MIN OVER NICKEL UNDERPLATED, THICK OVER COPPER STRIKE
- 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.

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± –
1 PLC ± 1
2 PLC ± 2
3 PLC ± 5
4 PLC ± –
ANGLES ± 10

MATERIAL

–

DWN 10MAR2026
SARGUNAM, YAZHINI

CHK 10MAR2026
CHEE, TSHUPIN

APVD 10MAR2026
ZI, WILL

PRODUCT SPEC
–

APPLICATION SPEC
–

WEIGHT
–

TE Connectivity Ltd.

NAME
FAKRA–P TO MHF4–P BH 500HM, A 1.13 L100

SIZE
A3

CAGE CODE
00779

DRAWING NO
C–2550658

RESTRICTED TO
–

CUSTOMER DRAWING

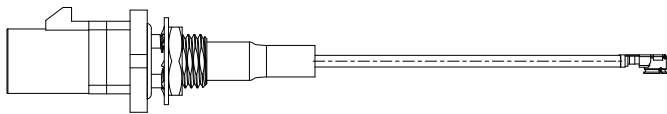
SCALE 1:1

SHEET 1 OF 2

REV A

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

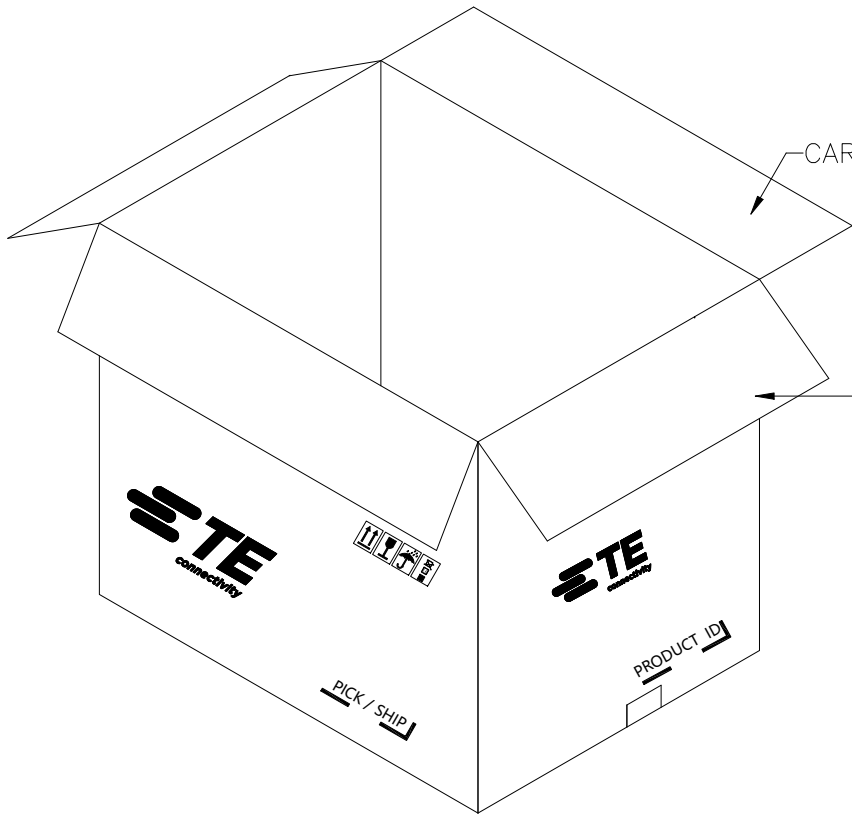
- NOTE:
1. PACKAGE QUANTITY:
- X-2550658-X : 25PCS/BAG, 20BAG/CARTON, TOTAL: 500PCS/CARTON;
2. NET WEIGHT,GROSS WEIGHT:
- X-2550658-X : 5.64g/PCS, 3820g/CARTON;



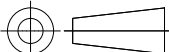
STICK A LABEL ON THE BAG



BAG



STICK A LABEL ON THE CARTON.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SARGUNAM, YAZHINI CHK CHEE, TSHUPIN APVD ZL WILL PRODUCT SPEC — APPLICATION SPEC — WEIGHT —		 TE Connectivity Ltd.			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± 1 2 PLC ± 2 3 PLC ± 5 4 PLC ± — ANGLES ± 10		NAME FAKRA—P TO MHF4—P BH 500HM, A 1.13 L100			
				—			
MATERIAL —				—			
FINISH —				—			
CUSTOMER DRAWING				SIZE A3	CAGE CODE 00779	DRAWING NO C-2550658	RESTRICTED TO —
				SCALE 1:1		SHEET 2 OF 2	REV A