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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:< 1.22dB@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)
2550651–1	FAKRA–P TO MHF1–P BH 500HM, A 1.13 L100	100±5
2550651–2	FAKRA–P TO MHF1–P BH 500HM, B 1.13 L100	100±5
2550651–3	FAKRA–P TO MHF1–P BH 500HM, C 1.13 L100	100±5
2550651–4	FAKRA–P TO MHF1–P BH 500HM, D 1.13 L100	100±5
2550651–5	FAKRA–P TO MHF1–P BH 500HM, E 1.13 L100	100±5
2550651–6	FAKRA–P TO MHF1–P BH 500HM, F 1.13 L100	100±5
2550651–7	FAKRA–P TO MHF1–P BH 500HM, G 1.13 L100	100±5
2550651–8	FAKRA–P TO MHF1–P BH 500HM, H 1.13 L100	100±5
2550651–9	FAKRA–P TO MHF1–P BH 500HM, I 1.13 L100	100±5
1–2550651–0	FAKRA–P TO MHF1–P BH 500HM, K 1.13 L100	100±5
1–2550651–1	FAKRA–P TO MHF1–P BH 500HM, L 1.13 L100	100±5
1–2550651–2	FAKRA–P TO MHF1–P BH 500HM, M 1.13 L100	100±5
1–2550651–3	FAKRA–P TO MHF1–P BH 500HM, N 1.13 L100	100±5
1–2550651–4	FAKRA–P TO MHF1–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

RECOMMENDED MOUNTING HOLE
DIMENSIONS

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	

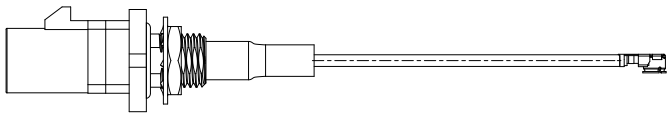
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	PC	/	MHF 1 R/A PLUG	3
															mm	/	MICRO–COAX CABLE 1.13mm	2
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	PC	/	FAKRA SMB PLUG	1
1–4	1–3	1–2	1–1	1–0	–9	–8	–7	–6	–5	–4	–3	–2	–1	U/N	TEPN		DESCRIPTION	ITEM

QUANTITY PER ASSY																	PARTS LIST					
THIS DRAWING IS A CONTROLLED DOCUMENT.																	DWN 10MAR2026 SARGUNAM, YAZHINI		TE TE Connectivity Ltd.			
DIMENSIONS: mm																	CHK 10MAR2026 CHEE, TSHUPIN					
																	APVD 10MAR2026 ZI, WILL					
																	PRODUCT SPEC					
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± – 1 PLC ± 1 2 PLC ± 2 3 PLC ± 5 4 PLC ± – ANGLES ± 10																	APPLICATION SPEC		NAME FAKRA–P TO MHF1–P BH 500HM, 1.13 L100			
																	MATERIAL				WEIGHT	
CUSTOMER DRAWING																	SCALE 1:1		SHEET 1 OF 2		REV A	

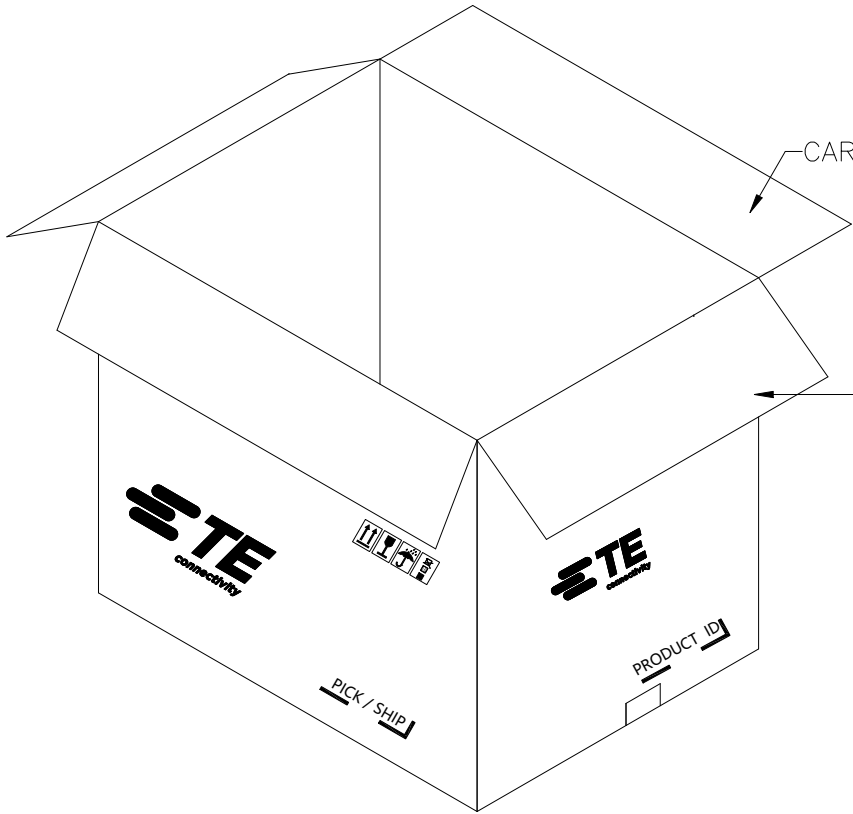
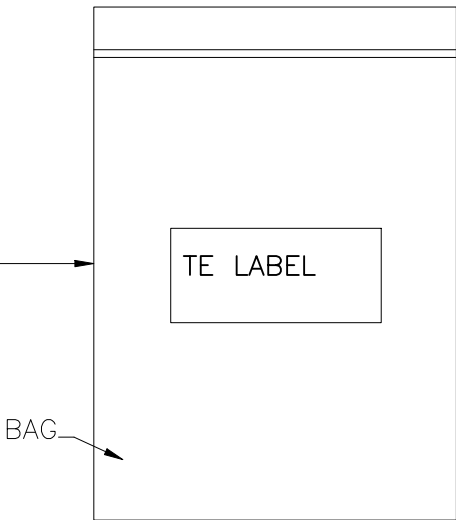
1470–19 (1/15)

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

- NOTE:
- 1. PACKAGE QUANTITY:
X-2550651-X : 25PCS/BAG, 20BAG/CARTON, TOTAL: 500PCS/CARTON;
 - 2. NET WEIGHT, GROSS WEIGHT:
X-2550651-X : 5.64g/PCS, 3820g/CARTON;

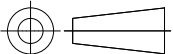


STICK A LABEL ON THE BAG



CARTON

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 —		10MAR2026 10MAR2026 10MAR2026		 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 MHF1-P BH 500HM, 1.13 L100 — —			
MATERIAL —									
FINISH —		CUSTOMER DRAWING		SCALE 1:1		SHEET 2 OF 2		REV A	