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NOTES:

ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED;

1.ELECTRICAL CHARACTERISTICS:

IMPEDANCE:50 Ω
FREQUENCY:DC–9 GHZ

VSWR:
0~2G: ≤1.25
2~6G: ≤1.45
6~7G: ≤1.55
7~9G: ≤1.75

INSERTION LOSS: <0.84dB@3.0GHz; <1.27dB@6.0GHz.

TEST VOLTAGE: 800Vrms.
WORKING VOLTAGE: ≤60V DC.
POWER CURRENT: ≤1A DC.

2.MECHANICAL CHARACTERISTICS:

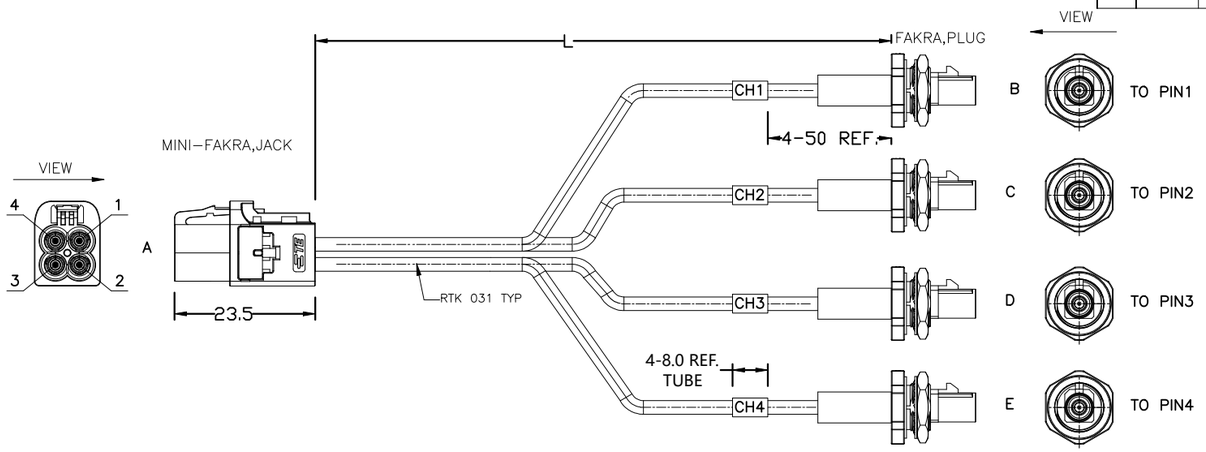
ENDURANCE: >100 TIMES.
CONNECTOR A ENVIRONMENTAL SEAL:IP67
CABLE RETENTION FORCE: 110N MIN.

3.ENVIRONMENTAL PARAMETER:

TEMPERATURE RANGE: –40°C TO +105°C
RoHS: COMPLIANT.

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

TEPN	DESCRIPTION	L(mm)
2546043–1	MINI–FAKRA JK Z 4P–FKA PLUG A SEAL 0.15M	150^{+10}_{-5}
2546043–2	MINI–FAKRA JK Z 4P–FKA PLUG B SEAL 0.15M	150^{+10}_{-5}
2546043–3	MINI–FAKRA JK Z 4P–FKA PLUG C SEAL 0.15M	150^{+10}_{-5}
2546043–4	MINI–FAKRA JK Z 4P–FKA PLUG D SEAL 0.15M	150^{+10}_{-5}
2546043–5	MINI–FAKRA JK Z 4P–FKA PLUG E SEAL 0.15M	150^{+10}_{-5}
2546043–6	MINI–FAKRA JK Z 4P–FKA PLUG F SEAL 0.15M	150^{+10}_{-5}
1–2546043–2	MINI–FAKRA JK Z 4P–FKA PLUG Z SEAL 0.15M	150^{+10}_{-5}



REVISIONS

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

NOTES: FINISH (PLATING THICKNESS IN MICRO–INCHES)

1. 50MICROINCHES NICKEL PLATED.
2. 5 MICROINCHES MIN GOLD PLATED. 50 MICROINCHES MIN OVER NICKEL
3. 100 MICROINCHES MIN MATTE TIN PLATED. (10%NON MAG) MICROINCHES MIN OVER NICKEL UNDERPLATED, 50 MICROINCHES MIN OVER COPPER UNDERPLATED.
4. 100 MICROINCHES MIN NICKEL PLATED OVER COPPER.
5. 5 MICROINCHES MIN GOLD PLATED. (10%NON MAG) MICROINCHES MIN OVER NICKEL UNDERPLATED, 80 MICROINCHES MIN OVER COPPER UNDERPLATED.
6. 200 MICROINCHES MIN NICKEL PLATED OVER COPPER.

PLATING	MATERIAL	PART NAME	PART TYPE
RAL 4008	PPS 30% GF	TPA	CONNECTOR A
NOTE 1	STAINLESS STEEL	CRIMP	
NOTE 2	PHOSPHOR BRONZE	TERMINAL	
NOTE 3	PHOSPHOR BRONZE	CONTACT SUB–ASSEMBY	
RED SILICONE	PA66 30% GF	HOUSING	
NOTE 4	LEAD FREE BRASS	NUT	CONNECTOR B,C,D,E
PASSIVATION	STAINLESS STEEL	GROMMET	
NOTE 5	BRASS	TERMINAL	
RED	SILICONE	SEALING RING	
NOTE 6	BRASS	BODY	
	PA10T–R6130–NH	HOUSING	

4	4	4	4	4	4	4	PC	/	FAKRA SINGLE PLUG– CONNECTOR B,C,D,E	3
–	–	–	–	–	–	–	mm	/	RTK 031 TYP (BLACK)	2
1	1	1	1	1	1	1	PC	/	MINI FAKRA, QUAD JACK – CONNECTOR A	1
1–2	–6	–5	–4	–3	–2	–1	U/N	TEPN	DESCRIPTION	ITEM
QUANTITY PER ASSY									PARTS LIST	

CODING	COLOR
A	JET BLACK
B	CREAM WHITE
C	SIGNAL BLUE
D	CLARET VIOLET
E	LEAF GREEN
F	NUT BROWN
G	BLUE GREY
H	LIGHT PINK
J	BEIGE
K	CURRY
N	PASTEL GREEN
Z	WATER BLUE

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 –

FINISH –

DWN 10AUG2026 SARGUNAM, YAZHINI
CHK 10AUG2026 CHEE, TSHUPIN
APVD 10AUG2026 MANJUNATHA, ARAVIND
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity Ltd.

NAME
Mini–fakra JK Z 4P–FKA Plug Seal 0.15M
–
–

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C–2546043	—

CUSTOMER DRAWING

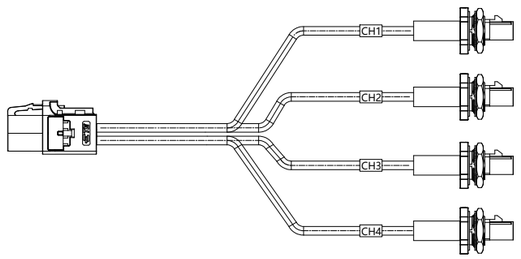
SCALE 1:1 SHEET 1 OF 3 REV A

1470–19 (1/15)

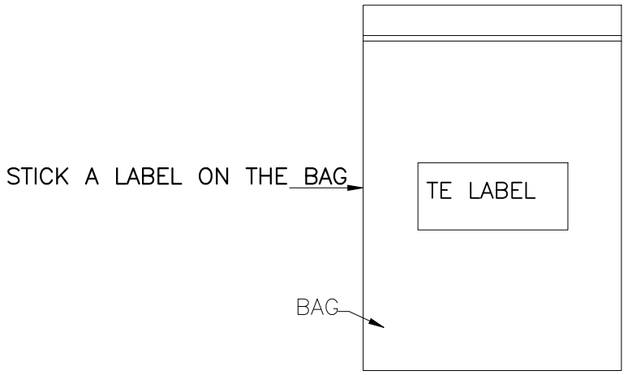
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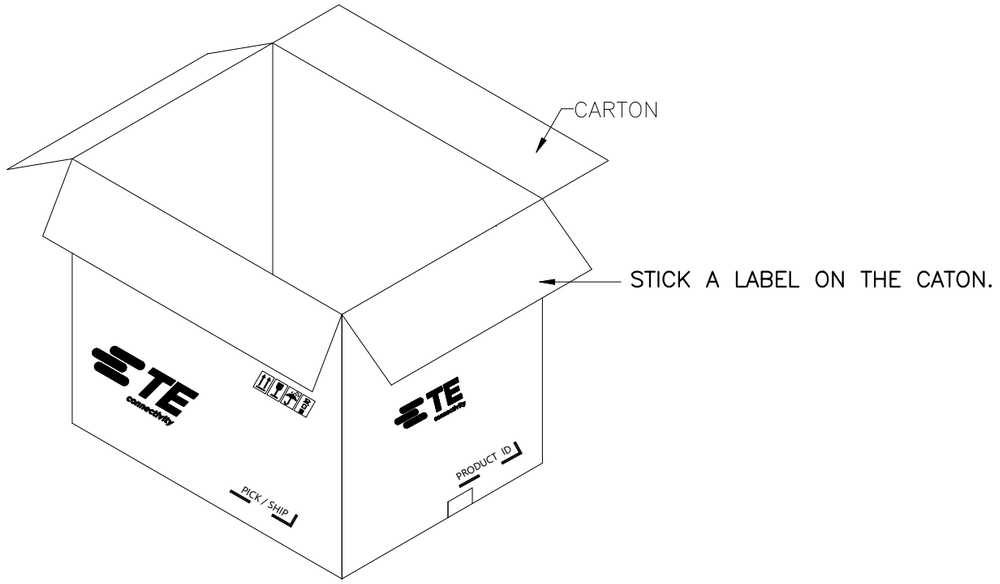
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	—	—



NOTE:
1. PACKAGE QUANTITY:
   X–2546043–X : 6PCS/BAG, 20BAG/CARTON, TOTAL: 120PCS/CARTON.
2. NET WEIGHT, GROSS WEIGHT:
   X–2546043–X : 85.10g/PCS, 11212g/CARTON.





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DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC ± –
	1 PLC ± 1
	2 PLC ± 2
	3 PLC ± 5
	4 PLC ± –
	ANGLES ± 10
MATERIAL –	FINISH –

DWN	10AUG2026	SARGUNAM, YAZHINI
CHK	10AUG2026	CHEE, TSHUPIN
APVD	10AUG2026	MANJUNATHA, ARAVIND
PRODUCT SPEC	—	
APPLICATION SPEC	—	
WEIGHT	—	

TE Connectivity Ltd.

NAME
Mini–fakra JK Z 4P–FKA Plug Seal 0.15M
–
–

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C–2546043	—

CUSTOMER DRAWING

SCALE	SHEET	REV
1:1	3 OF 3	A

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