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

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:

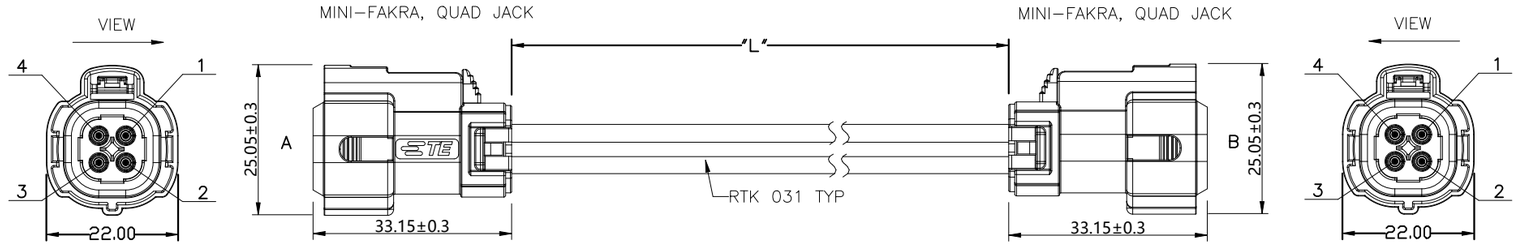
ENDURANCE: >100 TIMES.
CONNECTOR ENVIRONMENTAL SEAL:IP67.

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)
2545885-1	MINI-FAKRA SEAL F-F 4P COD A 0.15M RTK 031	150^{+10}_{-5}
2545885-2	MINI-FAKRA SEAL F-F 4P COD B 0.15M RTK 031	150^{+10}_{-5}
2545885-3	MINI-FAKRA SEAL F-F 4P COD C 0.15M RTK 031	150^{+10}_{-5}
2545885-4	MINI-FAKRA SEAL F-F 4P COD D 0.15M RTK 031	150^{+10}_{-5}
2545885-5	MINI-FAKRA SEAL F-F 4P COD E 0.15M RTK 031	150^{+10}_{-5}
2545885-6	MINI-FAKRA SEAL F-F 4P COD F 0.15M RTK 031	150^{+10}_{-5}
2545885-7	MINI-FAKRA SEAL F-F 4P COD G 0.15M RTK 031	150^{+10}_{-5}
2545885-8	MINI-FAKRA SEAL F-F 4P COD H 0.15M RTK 031	150^{+10}_{-5}
2545885-9	MINI-FAKRA SEAL F-F 4P COD J 0.15M RTK 031	150^{+10}_{-5}
1-2545885-0	MINI-FAKRA SEAL F-F 4P COD K 0.15M RTK 031	150^{+10}_{-5}
1-2545885-1	MINI-FAKRA SEAL F-F 4P COD N 0.15M RTK 031	150^{+10}_{-5}
1-2545885-2	MINI-FAKRA SEAL F-F 4P COD Z 0.15M RTK 031	150^{+10}_{-5}

NOTES: FINISH (PLATING THICKNESS IN MICRO-INCHES)

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

PLATING	MATERIAL	PART NAME	PART TYPE
YELLOW GREEN	PBT 30%GF	BACK COVER	CONNECTOR A, B
WHITE	SILICONE RUBBER	SEALING RING	
NOTE 1	STAINLESS STEEL	CRIMP	
NOTE 2	PHOSPHOR BRONZE	TERMINAL	
NOTE 3	PHOSPHOR BRONZE	CONTACT SUB-ASSEMBY	
RED	PA66 30% GF, SILICONE	HOUSING	

WIRING DIAGRAM

CONNECTOR A	CONNECTOR B
PIN 1	PIN 4
PIN 2	PIN 3
PIN 3	PIN 2
PIN 4	PIN 1

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

–	–	–	–	–	–	–	–	–	–	–	–	mm	/	RTK 031 TYP (BLACK)	2
2	2	2	2	2	2	2	2	2	2	2	2	PC	/	MINI-FAKRA, QUAD JACK – CONNECTOR	1
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 –

FINISH –

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

CUSTOMER DRAWING

TE Connectivity Ltd.

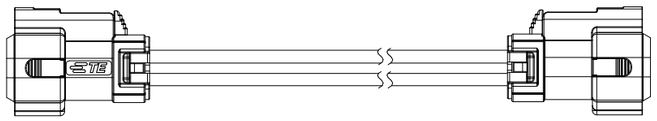
NAME
Mini-fakra Seal F-F 4P 0.15M RTK 031
–
–

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-2545885	—

SCALE	SHEET	REV
1:1	1 OF 2	A

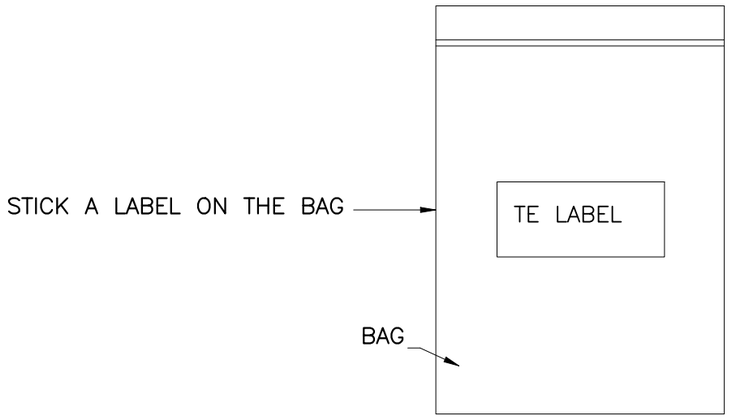
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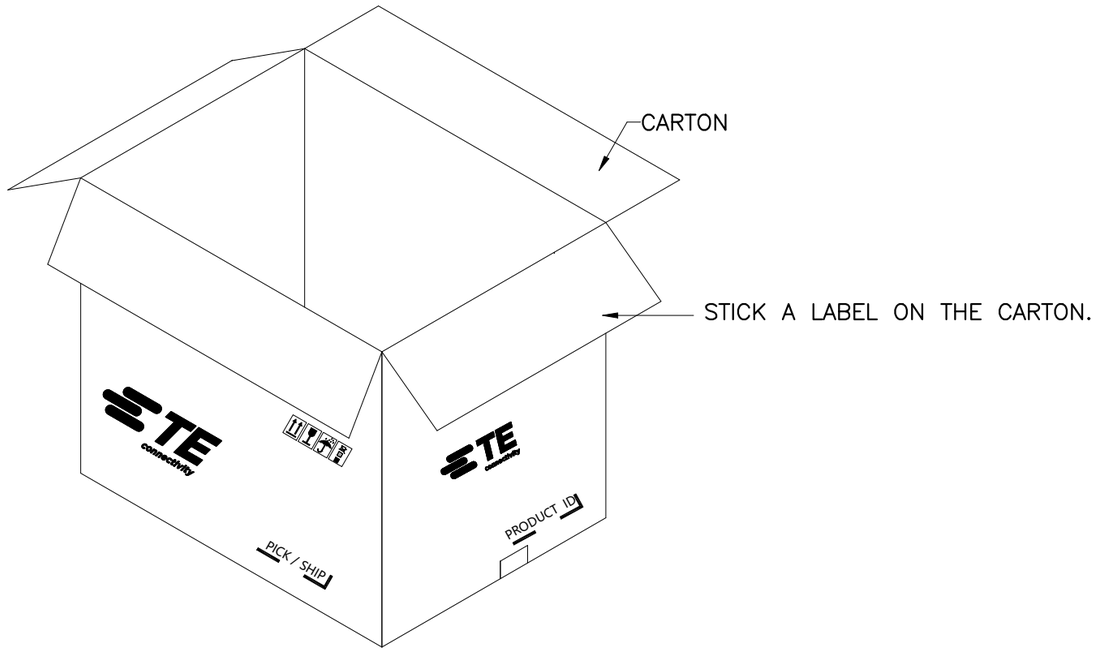
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	—	—



NOTE:
1. PACKAGE QUANTITY:
   X–2545885–X : 10PCS/BAG, 25BAG/CATON, TOTAL: 250PCS/CATON;

2. NET WEIGHT, GROSS WEIGHT:
   X–2545885–X : 36.32/PCS, 100803g/CATON;





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

CUSTOMER DRAWING

TE Connectivity Ltd.

NAME
Mini–fakra Seal F–F 4P 0.15M RTK 031
–
–

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C–2545885	—

SCALE	SHEET	REV
1:1	2 OF 2	A