

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: < 0.95dB@3.0GHz; < 1.43dB@6.0GHz.
TEST VOLTAGE: 800Vrms.
WORKING VOLTAGE: ≤60V DC.
POWER CURRENT: ≤1A DC.

2.MECHANICAL CHARACTERISTICS:

ENDURANCE:> 100 TIMES.
ENVIRONMENTAL SEAL:IP67&IP6K9K.

CABLE RETENTION FORCE: 110N MIN.

3.ENVIRONMENTAL PARAMETER:

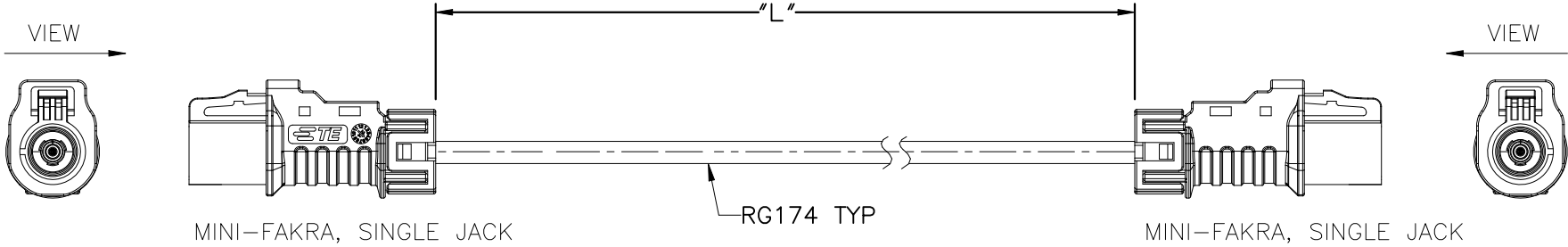
TEMPERATURE RANGE: –40°C TO +105°C
RoHS: COMPLIANT.

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

TEPN	DESCRIPTION	L(mm)
2545857–1	MINI–FAKRA SEAL F–F 1P COD A 0.15M RG174	150 ⁺¹⁰ _{–5}
2545857–2	MINI–FAKRA SEAL F–F 1P COD B 0.15M RG174	150 ⁺¹⁰ _{–5}
2545857–3	MINI–FAKRA SEAL F–F 1P COD C 0.15M RG174	150 ⁺¹⁰ _{–5}
2545857–4	MINI–FAKRA SEAL F–F 1P COD D 0.15M RG174	150 ⁺¹⁰ _{–5}
2545857–5	MINI–FAKRA SEAL F–F 1P COD E 0.15M RG174	150 ⁺¹⁰ _{–5}
2545857–6	MINI–FAKRA SEAL F–F 1P COD F 0.15M RG174	150 ⁺¹⁰ _{–5}
2545857–7	MINI–FAKRA SEAL F–F 1P COD G 0.15M RG174	150 ⁺¹⁰ _{–5}
2545857–8	MINI–FAKRA SEAL F–F 1P COD H 0.15M RG174	150 ⁺¹⁰ _{–5}
2545857–9	MINI–FAKRA SEAL F–F 1P COD J 0.15M RG174	150 ⁺¹⁰ _{–5}
1–2545857–0	MINI–FAKRA SEAL F–F 1P COD K 0.15M RG174	150 ⁺¹⁰ _{–5}
1–2545857–1	MINI–FAKRA SEAL F–F 1P COD N 0.15M RG174	150 ⁺¹⁰ _{–5}
1–2545857–2	MINI–FAKRA SEAL F–F 1P COD Z 0.15M RG174	150 ⁺¹⁰ _{–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	LIGHT PINK
J	BEIGE
K	CURRY
N	PASTEL GREEN
Z	WATER BLUE

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	GO TO PRODUCTION (ECN–26–399857)	14AUG2026	YS	AM



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
NOTE 1	STAINLESS STEEL	CRIMP	CONNECTOR A, B
NOTE 2	PHOSPHOR BRONZE	TERMINAL	
YELLOW GREEN	PBT 30%GF	BACK COVER	
YELLOW GREEN	SILICONE RUBBER	SEALING RING	
YELLOW GREEN	SILICONE RUBBER	SEALING RING	
BLACK	PBT 30%GF	UPPER COVER	
BLACK	PBT 30%GF	LOWER COVER	
NOTE 3	PHOSPHOR BRONZE	CONTACT SUB–ASSEMBY	
RED	PA66 30% GF, SILICONE	HOUSING	

–	–	–	–	–	–	–	–	–	–	–	–	mm	/	RG174 TYP (BLACK)	2
2	2	2	2	2	2	2	2	2	2	2	2	PC	/	MINI–FAKRA, SINGLE 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

–

DWN 11AUG2026
SARGUNAM, YAZHINI
CHK 11AUG2026
CHEE, TSHUPIN
APVD 11AUG2026
MANJUNATHA, ARAVIND

PRODUCT SPEC
–
APPLICATION SPEC
–
WEIGHT
–

NAME

Mini–fakra Seal F–F 1P 0.15M RG174

–
–

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

CUSTOMER DRAWING

SCALE 1:1

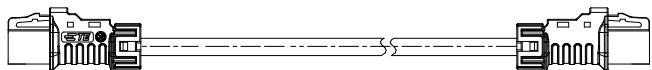
SHEET 1 OF 2

REV A

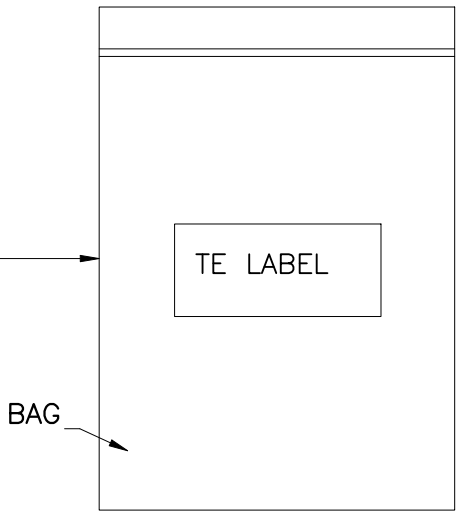
TE Connectivity Ltd.

A300779C–2545857

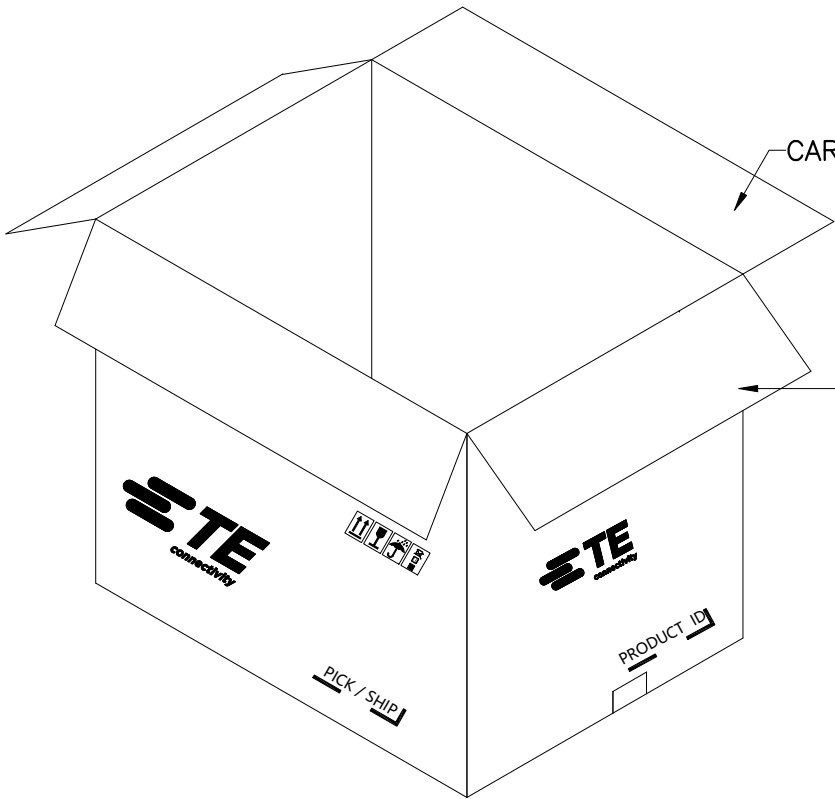
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—



STICK A LABEL ON THE BAG



- NOTE:
- 1. PACKAGE QUANTITY:
X-2545857-X : 25PCS/BAG, 10BAG/CARTON, TOTAL: 250PCS/CARTON;
 - 2. NET WEIGHT, GROSS WEIGHT:
X-2545857-X : 8.02g/PCS, 3005g/CARTON;



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SARGUNAM, YAZHINI CHK CHEE, TSHUPIN APVD MANJUNATHA, ARAVIND	TE Connectivity Ltd.		
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC	NAME Mini-fakra Seal F-F 1P 0.15M RG174		
	0 PLC ± — 1 PLC ± 1 2 PLC ± 2 3 PLC ± 5 4 PLC ± — ANGLES ± 10	APPLICATION SPEC	SIZE	CAGE CODE	DRAWING NO
MATERIAL	FINISH	WEIGHT	A3	00779	C-2545857
		CUSTOMER DRAWING	SCALE	SHEET	REV
			1:1	2 OF 2	A