

NOTES:
ALL DIMENSIONS ARE NOMINAL FOR REFERENCE
ONLY UNLESS OTHERWISE STATED.

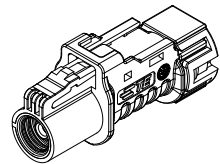
RoHS: COMPLIANT.

SPECIFICATIONS:
IMPEDANCE: 50Ω
FREQUENCY: DC TO 9GHz
VSWR INSERTION LOSS FEEQUENCY,GHz
<1.25 0.20 @DC 0.01≤ f ≤ 2GHz
<1.45 0.45 2< f ≤ 6 GHz
<1.55 0.50 6< f ≤ 7 GHz
<1.75 0.55 7< f ≤ 9 GHz

TEST VOLTAGE: 800 VRMS
WORKING VOLTAGE: ≤60V DC
CURRENT RATING: ≤1A DC

MECHANICAL CHARACTERISTICS
MATING CYCLES: ≥25.
ENGAGEMENT FORCE: ≤25 N.
DISENGAGEMENT FORCE: ≥2 N.
RETENTION FORCE LATCH: ≥110 N.

ENVIRONMENTAL PARAMETER
TEMPERATURE RANGE: -40°C TO +105°C.
WATER TIGHTNESS: IP67&IP6K9K.



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

CONFIGURATION TABLE

TEPN	DESCRIPTION	CODING
2545464-1	MINI-FAKRA JACK 1P STR A-CODE HSG WP	A
2545464-2	MINI-FAKRA JACK 1P STR B-CODE HSG WP	B
2545464-3	MINI-FAKRA JACK 1P STR C-CODE HSG WP	C
2545464-4	MINI-FAKRA JACK 1P STR D-CODE HSG WP	D
2545464-5	MINI-FAKRA JACK 1P STR E-CODE HSG WP	E
2545464-6	MINI-FAKRA JACK 1P STR F-CODE HSG WP	F
2545464-7	MINI-FAKRA JACK 1P STR G-CODE HSG WP	G
2545464-8	MINI-FAKRA JACK 1P STR H-CODE HSG WP	H
2545464-9	MINI-FAKRA JACK 1P STR J-CODE HSG WP	J
1-2545464-0	MINI-FAKRA JACK 1P STR K-CODE HSG WP	K
1-2545464-1	MINI-FAKRA JACK 1P STR N-CODE HSG WP	N
1-2545464-2	MINI-FAKRA JACK 1P STR Z-CODE HSG WP	Z

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL
SEE TABLE

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± 0.3

2 PLC ± 0.2

3 PLC ± 0.1

4 PLC ± -

ANGLES ± 5

FINISH -

DWN TP 23JUNE26

CHK TP 23JUNE26

APVD ARAVIND 23JUNE26

PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT SEE NOTE

CUSTOMER DRAWING

TE Connectivity Ltd.

NAME
MINI-FAKRA JACK 1P STR X-CODE HSG WP

SIZE A3

CAGE CODE 00779

DRAWING NO C-2545464

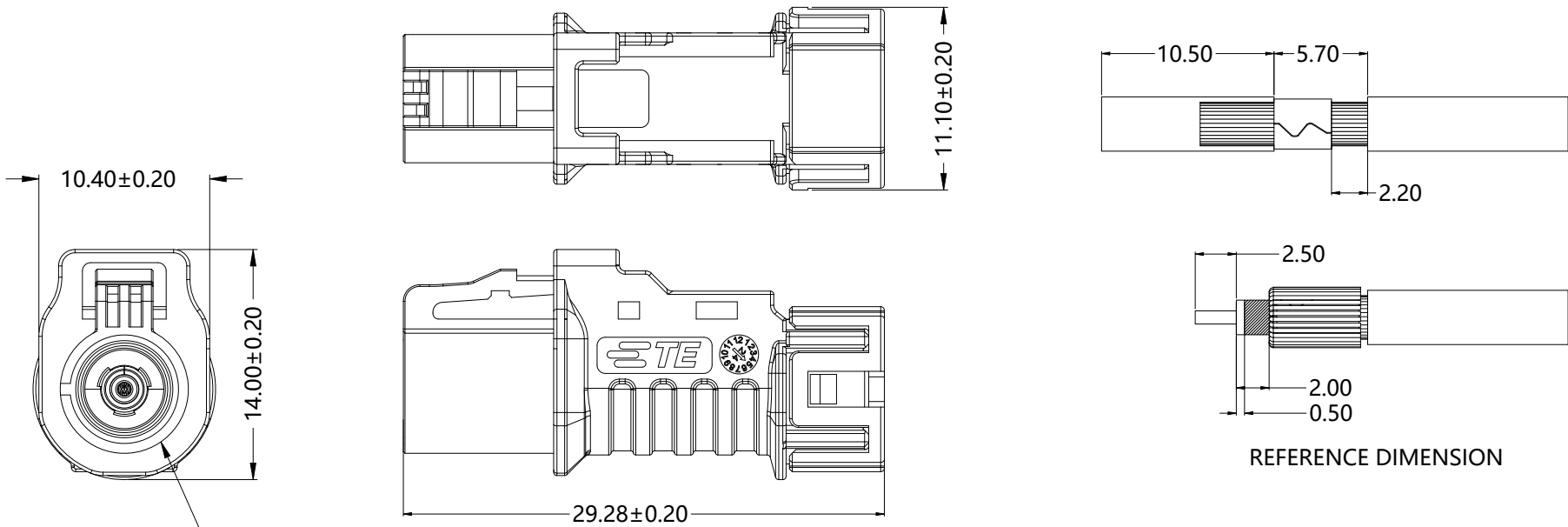
RESTRICTED TO -

SCALE 1:1

SHEET 1 OF 4

REV A

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	GTP;ECN-26-395384	23JUL2026	TP	AV



Z CODE

NOTES:
FINISH (PLATING THICKNESS IN MICRO-INCHES)

- 100 MICROINCHES MIN MATTE TIN PLATED. (10WT%P) MICROINCHES MIN OVER NICKEL UNDERPLATED. 50 MICROINCHES MIN OVER COPPER UNDERPLATED.
- 50 MICROINCHES MIN NICKEL PLATED.
- 5 MICROINCHES MIN GOLD PLATED. (10WT%P) MICROINCHES MIN OVER NICKEL UNDERPLATED. 50 MICROINCHES MIN OVER COPPER UNDERPLATED.

BLACK	PBT 30%GF	UPPER/LOWER COVER	8
NOTE 3	PHOSPHOR BRONZE	TERMINAL	7
NOTE 2	STAINLESS STEEL	CRIMP	6
YELLOW GREEN	PBT 30%GF	BACK COVER	5
REFER COMPONENTS TABLE	SILICONE RUBBER	SEALING RING 2	4
REFER COMPONENTS TABLE	SILICONE RUBBER	SEALING RING 1	3
NOTE 1	PHOSPHOR BRONZE	OUTER CONTACT	2
UL94 V0 (REF CODING COLOR)	PA66 30%GF	HOUSING	1
FINISH/PLATING/GRADE	MATERIAL	DESCRIPTION	ITEM

PARTS LIST					
TE Connectivity Ltd.					
NAME MINI-FAKRA JACK 1P STR X-CODE HSG WP					
SIZE A3					
CAGE CODE 00779					
DRAWING NO C-2545464					
RESTRICTED TO -					
SCALE 1:1					
SHEET 1 OF 4					
REV A					

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

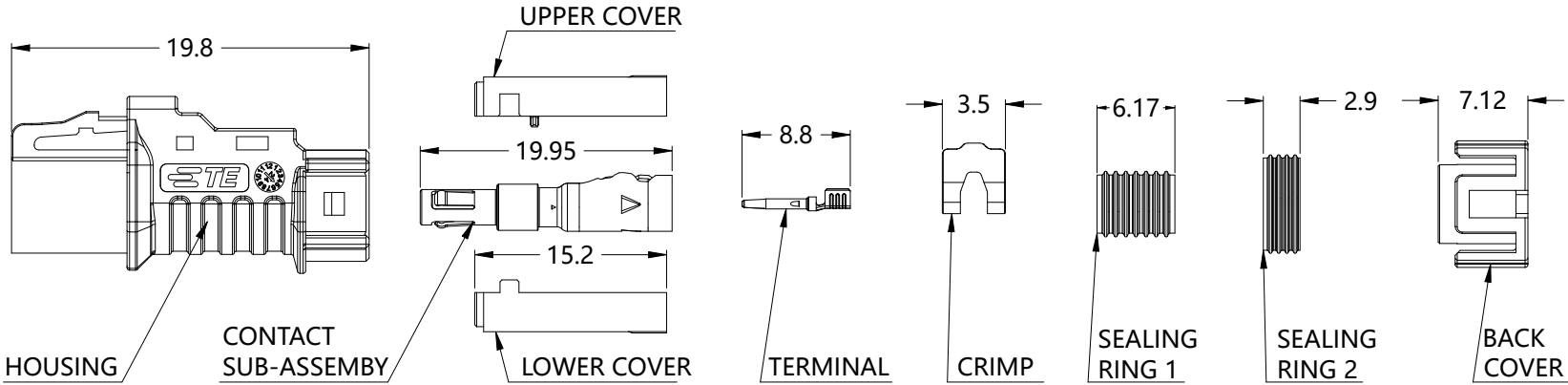
NOTES:
THE FINISH GOODS REQUIRE SEPARATION OF INDIVIDUAL COMPONENTS FOR ASSEMBLY.

EACH FINISH GOOD COMPONENTS REFER TO PART NUMBER (TCPN) TABLE AS SHOW ON THE DRAWING SHEET 2 & 3.

QTY PER PACKAGING AS SHOW ON THE TABLE, DRAWING SHEET 2 & 3. DETAIL COMPONENTS & PACKAGING SPEC, REFER COMPONENT DRAWING.

ASSEMBLY INSTRUCTION REFER TO TE.COM FOR EACH FINISH GOOD PART NUMBERS

PRODUCT WEIGHT: 2.70 g



COMPONENTS TABLE: X-2545464-X FOR CABLE RTK031

TEPN	DESCRIPTION	QPA	PACKAGING SPEC & QTY
X-2545464-X	HOUSING (REFER TO 1ST PAGE CONF-TABLE)	1	500 PCS./BAG , 4000 PCS./BOX.
2554540-1	CONTACT SUB-ASSEMBY	1	1000 PCS./REEL , 8000 PCS./BOX.
2554550-1	UPPER COVER (BLACK)	1	2000 PCS./BAG , 4 BAG./BOX.
2554551-1	LOWER COVER (BLACK)	1	2000 PCS./BAG , 4 BAG./BOX.
2554545-1	TERMINAL	1	4000 PCS./REEL , 24000 PCS./BOX.
2554584-1	CRIMP	1	1500 PCS./REEL ,12000 PCS./BOX.
2554555-1	SEALING RING 1 FOR RTK301 (RED)	1	2000 PCS./BAG , 4 BAG./BOX.
2554557-1	SEALING RING 2 (RED)	1	2000 PCS./BAG , 4 BAG./BOX.
2554558-1	BACK COVER (YELLOW)	1	2000 PCS./BAG , 4 BAG./BOX.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL
SEE TABLE

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± —

1 PLC ± 0.3

2 PLC ± 0.2

3 PLC ± 0.1

4 PLC ± —

ANGLES ± 5

FINISH —

DWN TP 23JUNE26

CHK TP 23JUNE26

APVD ARAVIND 23JUNE26

PRODUCT SPEC —

APPLICATION SPEC —

WEIGHT 2.70 g

CUSTOMER DRAWING

TE Connectivity Ltd.

NAME
MINI-FAKRA JACK 1P STR X-CODE HSG WP

—

—

SIZE
A3

CAGE CODE
00779

DRAWING NO
C-2545464

RESTRICTED TO
—

SCALE
1:1

SHEET
2 OF 4

REV
A

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

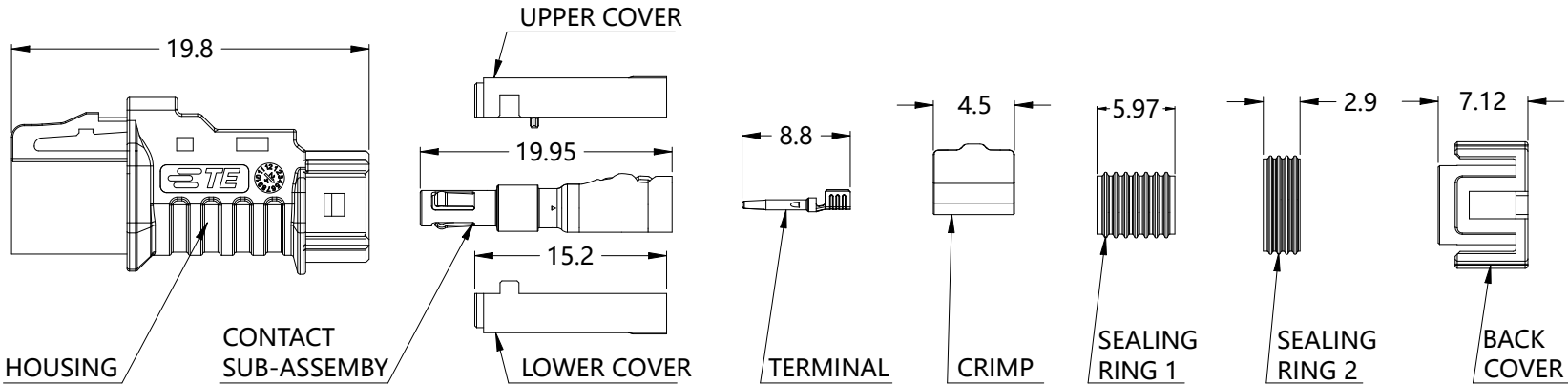
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ASSEMBLY INSTRUCTION REFER TO TE.COM FOR EACH FINISH GOOD PART NUMBERS

PRODUCT WEIGHT: 2.75 g



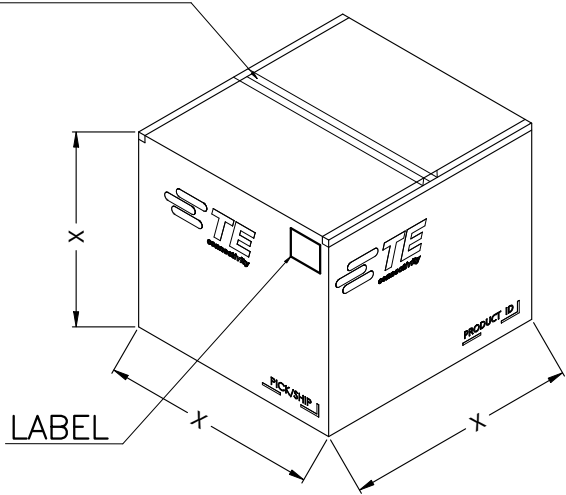
COMPONENTS TABLE: X-2545464-X FOR CABLE RG174

TEPN	DESCRIPTION	QPA	PACKAGING SPEC & QTY
X-2545464-X	HOUSING (REFER TO 1ST PAGE CONF-TABLE)	1	500 PCS./BAG , 4000 PCS./BOX.
2554542-1	CONTACT SUB-ASSEMBLY	1	1000 PCS./REEL , 8000 PCS./BOX.
2554550-1	UPPER COVER (BLACK)	1	2000 PCS./BAG , 4 BAG./BOX.
2554551-1	LOWER COVER (BLACK)	1	2000 PCS./BAG , 4 BAG./BOX.
2554545-1	TERMINAL	1	4000 PCS./REEL , 24000 PCS./BOX.
2554549-1	CRIMP	1	1500 PCS./REEL ,12000 PCS./BOX.
2554556-1	SEALING RING 1 FOR RG174 (YELLOW GREEN)	1	2000 PCS./BAG , 4 BAG./BOX.
2554557-1	SEALING RING 2 (RED)	1	2000 PCS./BAG , 4 BAG./BOX.
2554558-1	BACK COVER (YELLOW GREEN)	1	2000 PCS./BAG , 4 BAG./BOX.

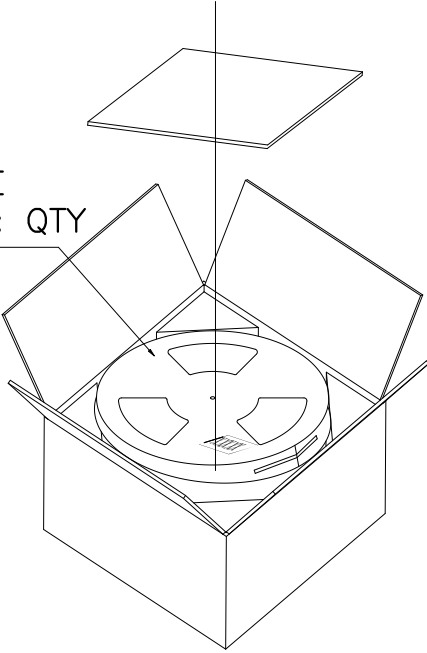
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TP 23JUNE26	TE Connectivity Ltd.		
		CHK TP 23JUNE26			
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD ARAVIND 23JUNE26	NAME MINI-FAKRA JACK 1P STR X-CODE HSG WP		
	0 PLC ± -	PRODUCT SPEC	—		
	1 PLC ± 0.3	APPLICATION SPEC	—		
	2 PLC ± 0.2		SIZE	CAGE CODE	DRAWING NO
	3 PLC ± 0.1				
	4 PLC ± -				
	ANGLES ± 5				
MATERIAL	FINISH	WEIGHT 2.75 g	A3	00779	C-2545464
SEE TABLE	-	CUSTOMER DRAWING		SCALE 1:1	SHEET 3 OF 4
				REV A	

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

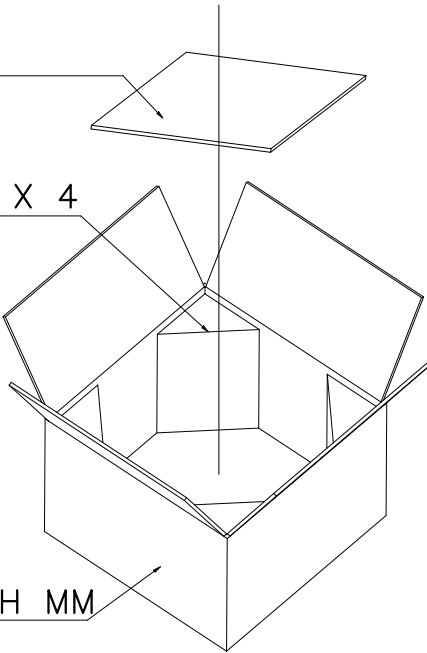
SEAL THE BOX WITH
ADHESIVE TAPE



QTY, REFER TO
COMPONENTS TABLE
PACKAGING SPEC & QTY



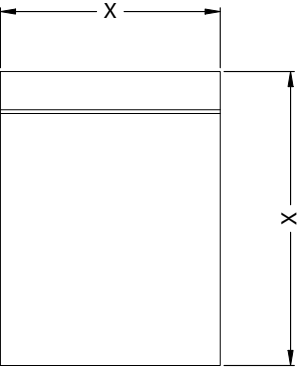
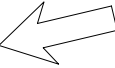
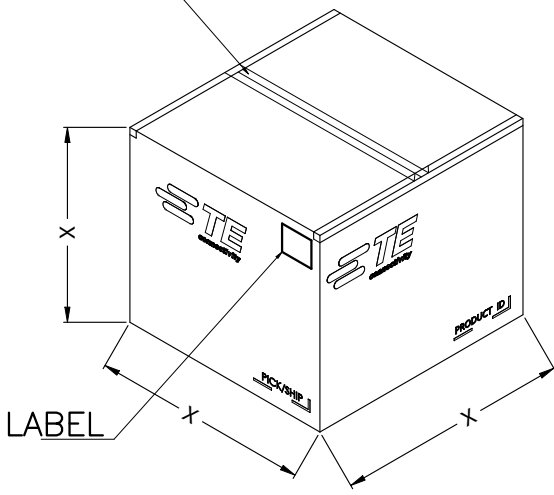
PAD X 2
CORNER GUARD X 4



CARTON * 1
SIZE: L X W X H MM

REEL/BOX PACKAGING METHOD.

SEAL THE BOX WITH
ADHESIVE TAPE



QTY, REFER TO
COMPONENTS TABLE
PACKAGING SPEC & QTY



REFER TO TCPN

BAG/BOX PACKAGING METHOD.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TP	23JUNE26	TE Connectivity Ltd.		
		CHK TP	23JUNE26			
DIMENSIONS: mm		APVD ARAVIND	23JUNE26	NAME MINI-FAKRA JACK 1P STR X-CODE HSG WP		
		PRODUCT SPEC	—	—		
		APPLICATION SPEC	—	—		
MATERIAL SEE TABLE		WEIGHT 0	A3	CAGE CODE 00779	DRAWING NO C-2545464	RESTRICTED TO —
CUSTOMER DRAWING				SCALE 1:1	SHEET 4 OF 4	REV A