

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	①DC 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

SHIELDING

FREQUENCY	NEXT LIMIT
2 GHz<f<5GHz	≤-55dB
5 GHz<f<9GHz	≤-50dB

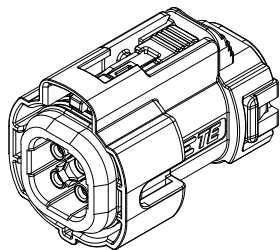
TEST VOLTAGE: 800 VRMS
WORKING VOLTAGE: ≤60V DC
CURRENT RATING: ≤1A DC

MECHANICAL CHARACTERISTICS

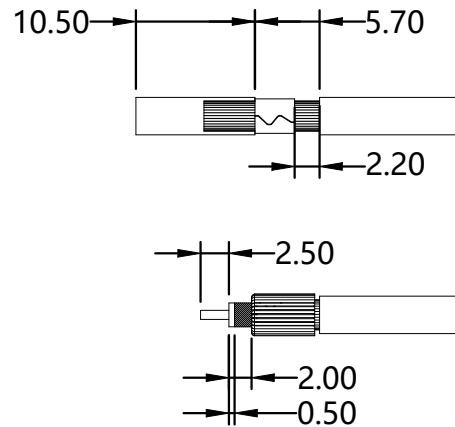
MATING CYCLES: ≥25.
ENGAGEMENT FORCE: ≤75 N.
DISENGAGEMENT FORCE: ≥5 N.
RETENTION FORCE LATCH: ≥110 N.

ENVIRONMENTAL PARAMETER

TEMPERATURE RANGE: -40°C TO +105°C.
WATER TIGHTNESS: IP67&IP6K9K.
PRODUCT WEIGHT: REFER TO CONNECTOR
CABLE TYPE



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



REFERENCE DIMENSION

CONFIGURATION TABLE

TEPN	DESCRIPTION	CODING
2545468-1	MINI-FAKRA JACK 4P STR A-CODE HSG WP	A
2545468-2	MINI-FAKRA JACK 4P STR B-CODE HSG WP	B
2545468-3	MINI-FAKRA JACK 4P STR C-CODE HSG WP	C
2545468-4	MINI-FAKRA JACK 4P STR D-CODE HSG WP	D
2545468-5	MINI-FAKRA JACK 4P STR E-CODE HSG WP	E
2545468-6	MINI-FAKRA JACK 4P STR F-CODE HSG WP	F
2545468-7	MINI-FAKRA JACK 4P STR G-CODE HSG WP	G
2545468-8	MINI-FAKRA JACK 4P STR H-CODE HSG WP	H
2545468-9	MINI-FAKRA JACK 4P STR J-CODE HSG WP	J
1-2545468-0	MINI-FAKRA JACK 4P STR K-CODE HSG WP	K
1-2545468-1	MINI-FAKRA JACK 4P STR N-CODE HSG WP	N
1-2545468-2	MINI-FAKRA JACK 4P STR Z-CODE HSG WP	Z

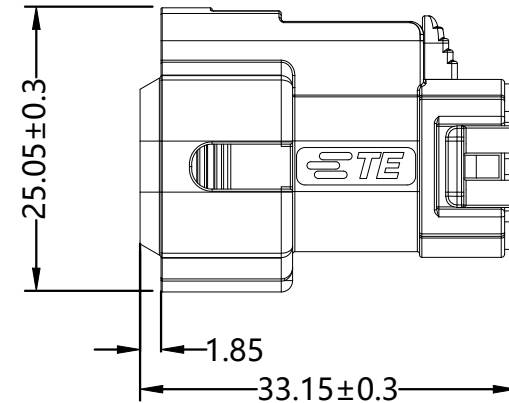
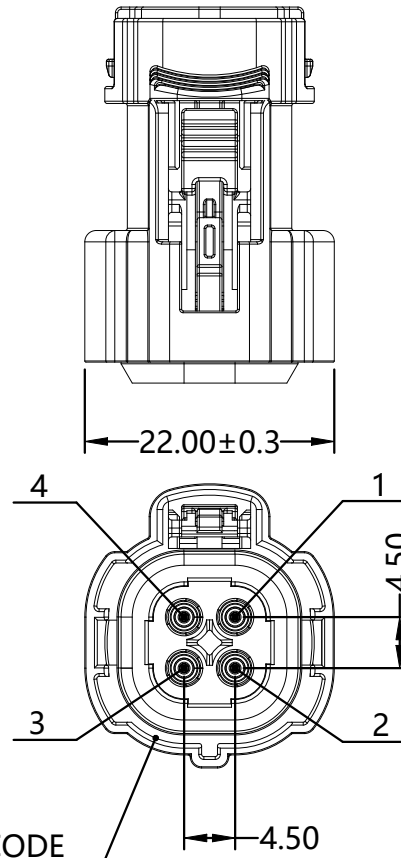
THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC ± - 1 PLC ± 0.3 2 PLC ± 0.2 3 PLC ± 0.1 4 PLC ± - ANGLES ± 5
MATERIAL SEE TABLE	FINISH -

DWN TP	25JUN2026
CHK TP	25JUN2026
APVD ARAVIND	25JUN2026
PRODUCT SPEC	-
APPLICATION SPEC	-
WEIGHT	SEE NOTE
CUSTOMER DRAWING	

REVISIONS

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



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.

NOTE 3	PHOSPHOR BRONZE	TERMINAL	6
NOTE 2	STAINLESS STEEL	CRIMP	5
YELLOW GREEN	PBT 30%GF	BACK COVER	4
REFER COMPONENTS TABLE	SILICONE RUBBER	SEALING RING	1
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 4P STR X-CODE HSG WP			
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-2545468	-
SCALE 1:1		SHEET 1 OF 4	REV A

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

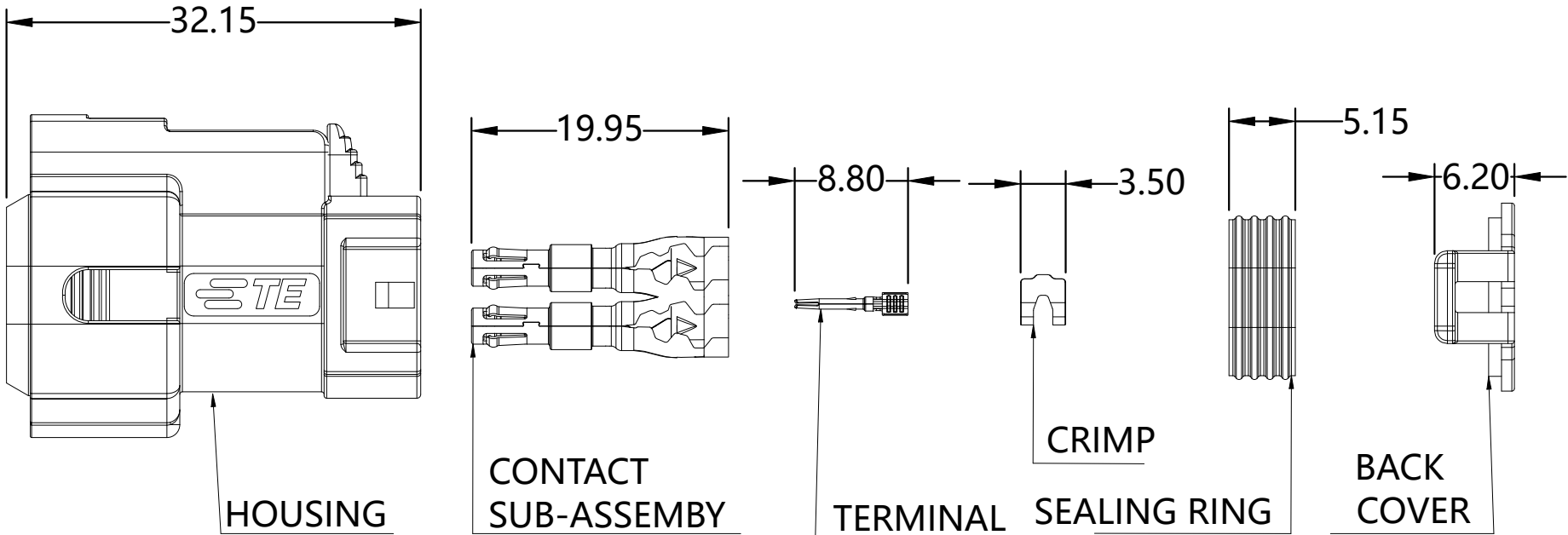
EACH FINISH GOOD COMPONENTS REFER TO PART NUMBER (TCPN) TABLE AS SHOW ON THE DRAWING SHEET 2 & 3.

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: 9.20 g

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



COMPONENTS TABLE: X-2545468-X FOR CABLE RTK301

TEPN	DESCRIPTION	QPA	PACKAGING SPEC & QTY
X-2545468-X	HOUSING (REFER TO 1ST PAGE CONF-TABLE)	1	200 PCS./BAG , 1600 PCS./BOX.
2554540-1	CONTACT SUB-ASSEMBY	2	1000 PCS./REEL , 8000 PCS./BOX.
2554545-1	TERMINAL	2	4000 PCS./REEL , 24000 PCS./BOX.
2554584-1	CRIMP	2	1500 PCS./REEL , 12000 PCS./BOX.
2554562-1	SEALING RING FOR 4P RTK301 (WHITE)	1	2000 PCS./BAG , 4 BAG./BOX.
2554566-1	BACK COVER 4P (YELLOW)	1	2000 PCS./BAG , 4 BAG./BOX.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TP 25JUN2026	TE Connectivity Ltd.		
		CHK TP 25JUN2026			
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD ARAVIND 25JUN2026	NAME MINI-FAKRA JACK 4P 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 9.20 g	A3	00779	C-2545468
SEE TABLE	—	CUSTOMER DRAWING		SCALE 1:1	SHEET 2 OF 4
				REV A	

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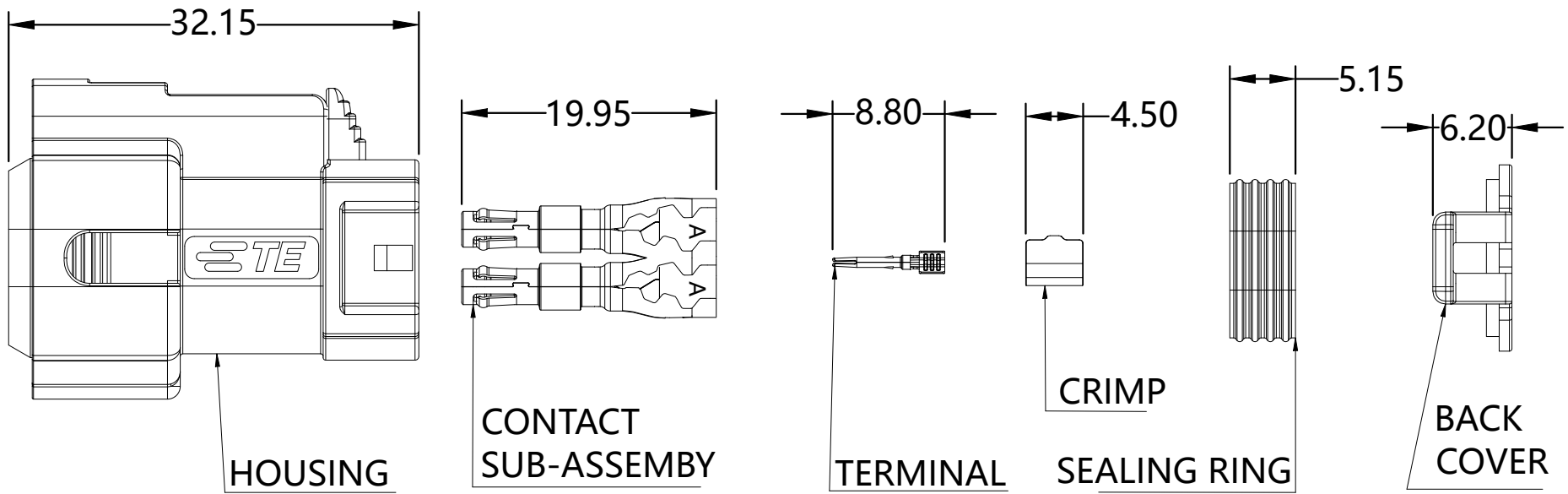
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ASSEMBLY INSTRUCTION REFER TO TE.COM FOR EACH FINISH GOOD PART NUMBERS

PRODUCT WEIGHT: 9.27 g

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



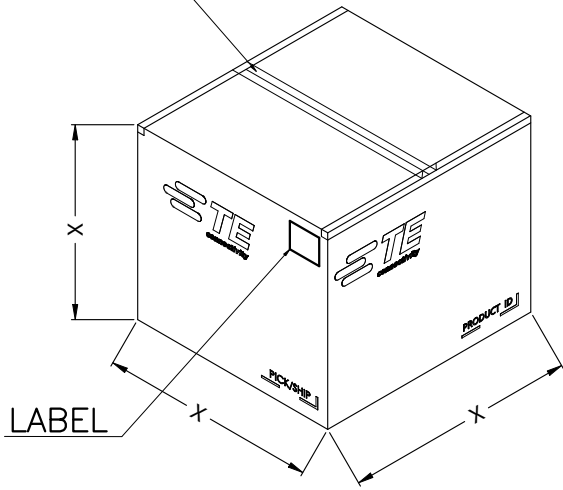
COMPONENTS TABLE: X-2545468-X FOR CABLE RG174

TEPN	DESCRIPTION	QPA	PACKAGING SPEC & QTY
X-2545468-X	HOUSING (REFER TO 1ST PAGE CONF-TABLE)	1	200 PCS./BAG , 1600 PCS./BOX.
2554542-1	CONTACT SUB-ASSEMBY	4	1000 PCS./REEL , 8000 PCS./BOX.
2554545-1	TERMINAL	4	4000 PCS./REEL , 24000 PCS./BOX.
2554549-1	CRIMP	4	1500 PCS./REEL , 12000 PCS./BOX.
2554564-1	SEALING RING FOR 4P RG174 (RED)	1	2000 PCS./BAG , 4 BAG./BOX.
2554566-1	BACK COVER 4P (YELLOW)	1	2000 PCS./BAG , 4 BAG./BOX.

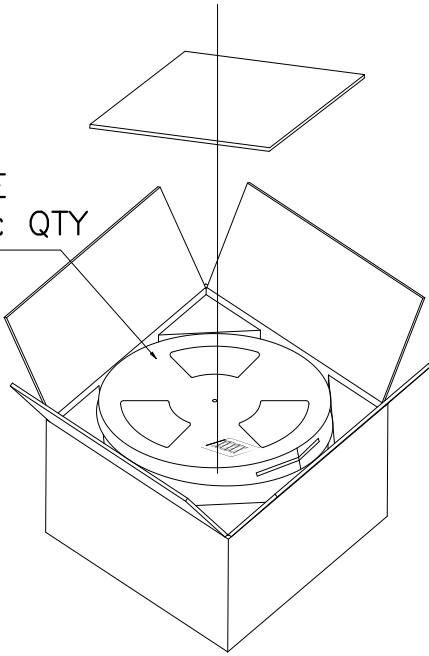
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		CHK TP 25JUN2026			
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD ARAWIND 25JUN2026	NAME MINI-FAKRA JACK 4P STR X-CODE HSG WP		
	0 PLC ± —	PRODUCT SPEC —	—		
	1 PLC ± 0.3	APPLICATION SPEC —	—		
	2 PLC ± 0.2	—	SIZE	CAGE CODE	DRAWING NO
	3 PLC ± 0.1	—	—	—	—
	4 PLC ± —	—	—	—	—
	ANGLES ± 5	—	—	—	—
MATERIAL	FINISH	WEIGHT 9.27 g	A3	00779	C-2545468
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



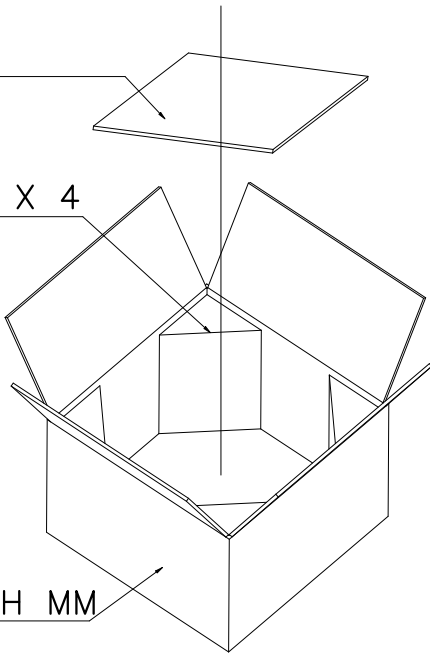
REEL/BOX PACKAGING METHOD.

PAD X 2

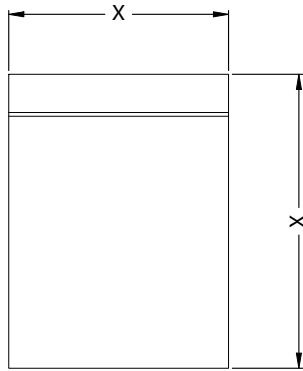
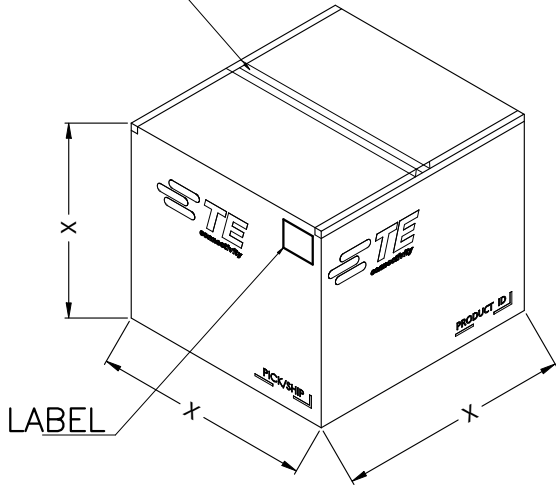
CORNER GUARD X 4



CARTON * 1
SIZE: L X W X H MM

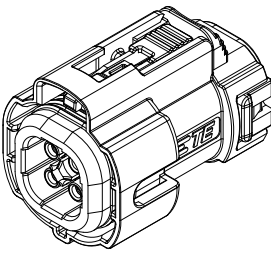


SEAL THE BOX WITH
ADHESIVE TAPE

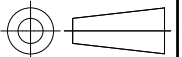


QTY, REFER TO
COMPONENTS TABLE
PACKAGING SPEC & QTY

BAG/BOX PACKAGING METHOD.



REFER TO TCPN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TP 25JUN2026	 TE Connectivity Ltd.		
		CHK TP 25JUN2026			
DIMENSIONS: mm		APVD ARAVIND 25JUN2026	NAME MINI-FAKRA JACK 4P STR X-CODE HSG WP		
		PRODUCT SPEC	—		
		APPLICATION SPEC	—		
MATERIAL SEE TABLE		WEIGHT 0	SIZE A3	CAGE CODE 00779	DRAWING NO C-2545468
		CUSTOMER DRAWING		SCALE 1:1	SHEET 4 OF 4
				REV A	