

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

RoHS: COMPLIANT.

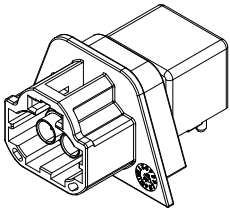
SPECIFICATIONS:
IMPEDANCE: 50Ω
FREQUENCY: DC TO 9GHz
VSWR FEEQUENCY,GHz
<1.25 @DC 0.01≤ f ≤ 2GHz
<1.45 2< f ≤ 6 GHz
<1.55 6< f ≤ 7 GHz
<1.75 7< f ≤ 9 GHz

CROSSTALK
FREQUENCY NEXT LIMIT
0.01GHz<f<4GHz 60dB
4 GHz<f<9GHz 50dB

INSULATION RESISTANCE: ≥1X10³ MΩ.
VOLTAGE RATING: 800 VRMS
WORKING VOLTAGE: 60V DC
CURRENT RATING: ≤1A DC

MECHANICAL CHARACTERISTICS
MATING CYCLES: ≥25.
ENGAGEMENT FORCE: ≤45 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

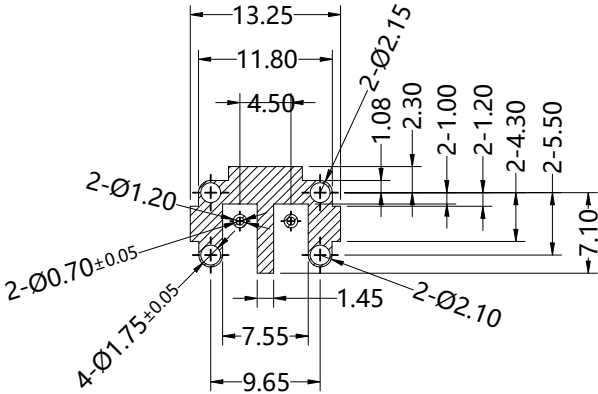
TEPN	DESCRIPTION	CODING
2545462-1	MINI-FAKRA PLUG 2P R/A A-CODE PCB MNT WP	A
2545462-2	MINI-FAKRA PLUG 2P R/A B-CODE PCB MNT WP	B
2545462-3	MINI-FAKRA PLUG 2P R/A C-CODE PCB MNT WP	C
2545462-4	MINI-FAKRA PLUG 2P R/A D-CODE PCB MNT WP	D
2545462-5	MINI-FAKRA PLUG 2P R/A E-CODE PCB MNT WP	E
2545462-6	MINI-FAKRA PLUG 2P R/A F-CODE PCB MNT WP	F
2545462-7	MINI-FAKRA PLUG 2P R/A G-CODE PCB MNT WP	G
2545462-8	MINI-FAKRA PLUG 2P R/A H-CODE PCB MNT WP	H
2545462-9	MINI-FAKRA PLUG 2P R/A J-CODE PCB MNT WP	J
1-2545462-0	MINI-FAKRA PLUG 2P R/A K-CODE PCB MNT WP	K
1-2545462-1	MINI-FAKRA PLUG 2P R/A N-CODE PCB MNT WP	N
1-2545462-2	MINI-FAKRA PLUG 2P R/A Z-CODE PCB MNT WP	Z

THIS DRAWING IS A CONTROLLED DOCUMENT.

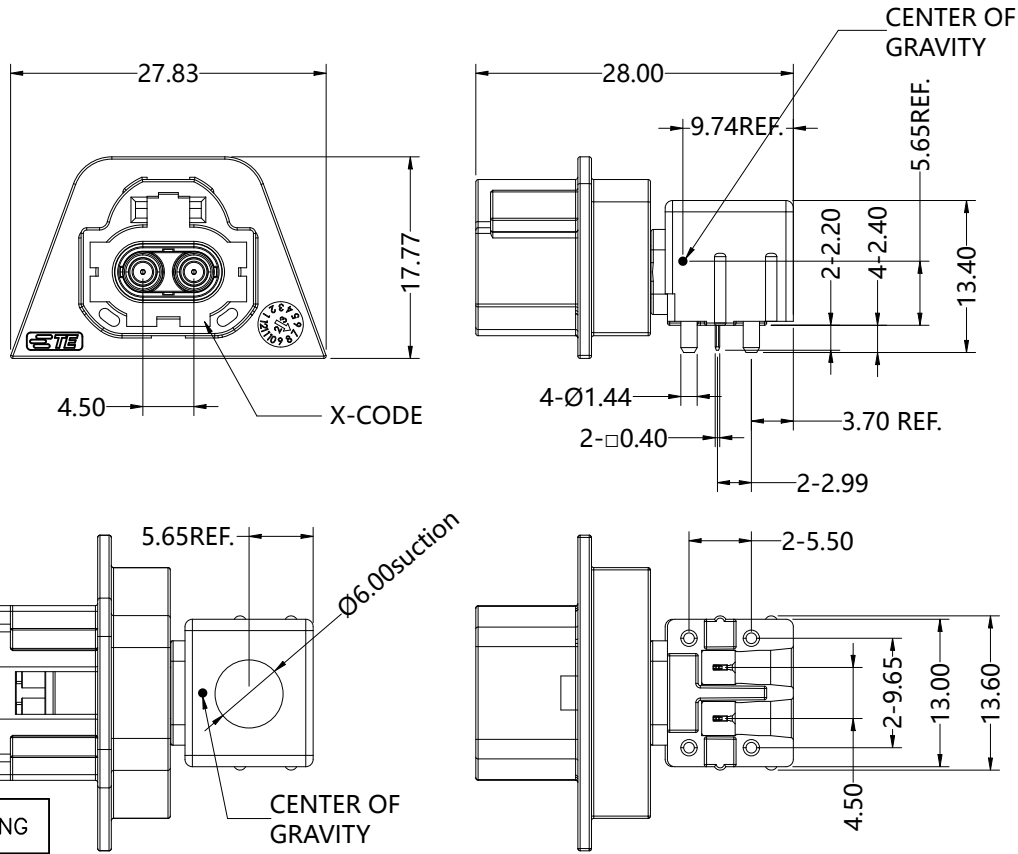
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC ± - 1 PLC ± 0.3 2 PLC ± 0.2 3 PLC ± 0.1 4 PLC ± - ANGLES ± 5
MATERIAL SEE TABLE	FINISH -

DWN TP	23JUNE2026	TE Connectivity Ltd.			
CHK TP	23JUNE2026				
APVD ARAVIND	23JUNE2026	NAME MINI-FAKRA PLUG 2P R/A X-CODE PCB MNT WP			
PRODUCT SPEC	-	-			
APPLICATION SPEC	-	-			
WEIGHT 12.36 g	A3	CAGE CODE 00779	DRAWING NO C=2545462	RESTRICTED TO -	
CUSTOMER DRAWING		SCALE 1:1	SHEET 1 OF 2	REV A	

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	GTP; ECN-26-393819	13JUL2026	TP	AV



RECOMMENDED
PCB LAYOUT
TOLERANCE:±0.05



NOTES:
FINISH (PLATING THICKNESS IN MICRO-INCHES)

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

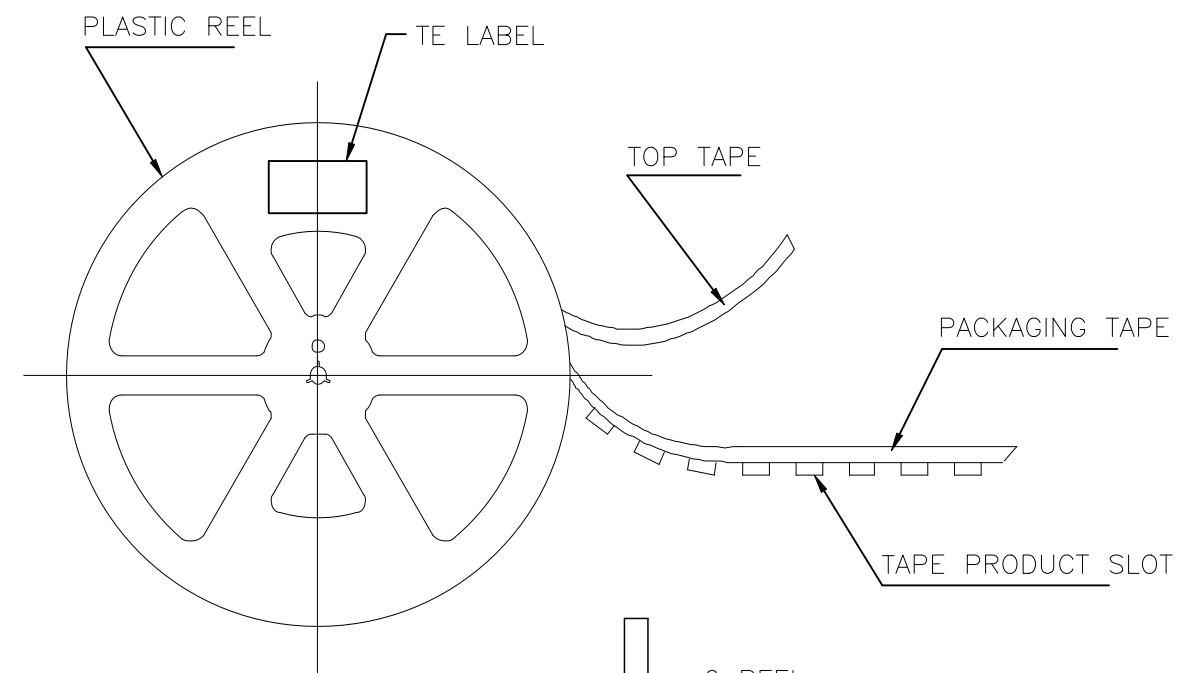
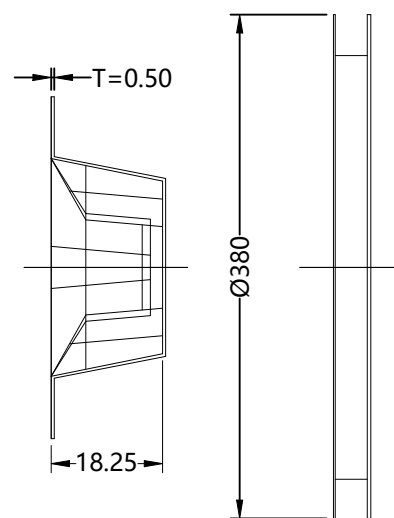
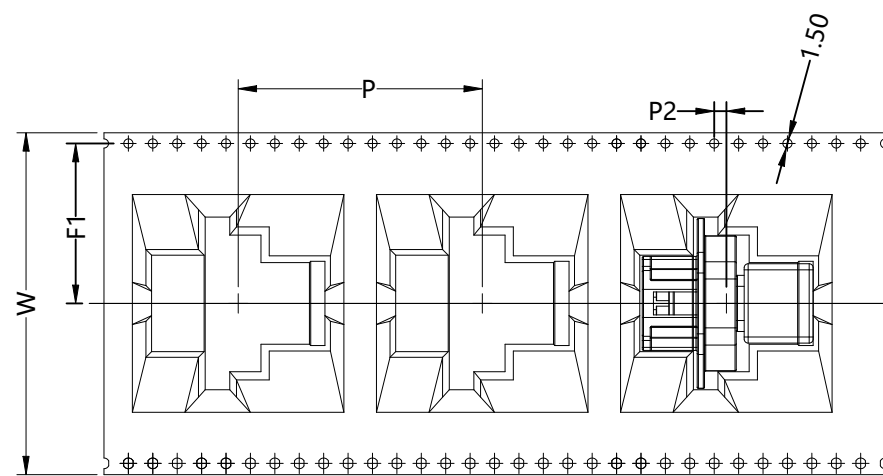
NOTE 2	BRASS	TERMINAL CONTACT AREA	4
BLACK	LCP	INSULATOR	3
NOTE 1	ZINC DIECAST	BODY	2
UL94 V0 (REF CODING COLOR)	PA10T 30%GF	HOUSING	1
FINISH/PLATING/GRADE	MATERIAL	DESCRIPTION	ITEM

PARTS LIST

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

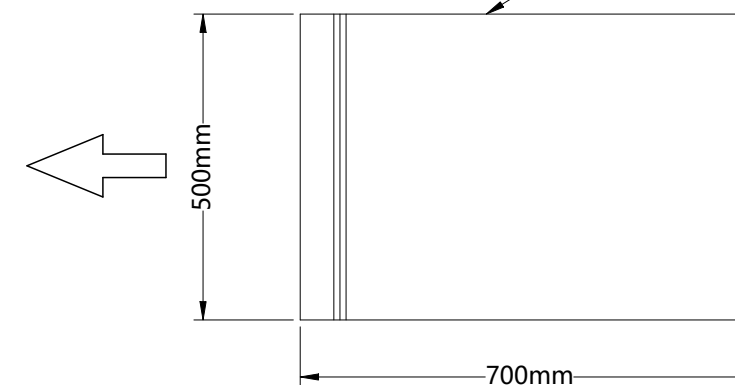
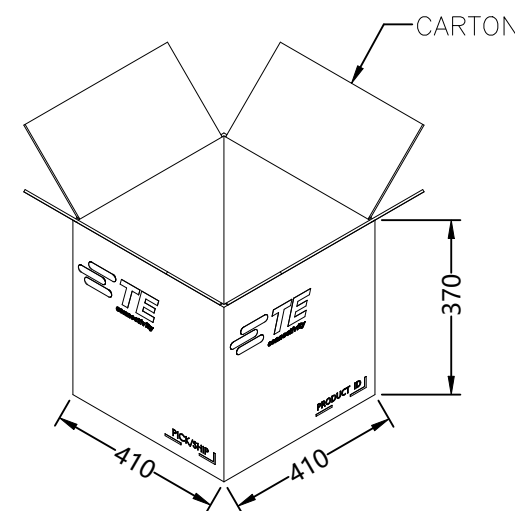
PLASTIC REEL SPECIFICATION (BASED ON EIAJ ET-7200B)

REEL DIMENSION DIAGRAM (BASED ON EIA-481-C STANDARD).
REEL TYPE II



6 REEL

PE BAG



- 1 PRIMARY PACKING: 100 PCS/REEL(100PCS)
2 OUTER PACKING: 6 REEL/CARTON(600PCS)
3 SINGLE WEIGHT: 12.36g
4 WEIGHT PER BOX: 12.1 KG

SIZE TABLE (PACKAGING TAPE, PLASTIC REEL PACKAGING)

PART NUMBERS	PRODUCT SPECIFICATIONS	REEL TYPE	W	F1	P	P2	1 REEL PACK QUANTITY
X-2545462-X	MINI-FAKRA PLUG 2P R/A X-CODE PCB MNT WP	TYPE II	56.0	26.2	40.0	2.0	100 PCS

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DWN TP	03APR202
CHK TP	03APR202
APVD	03APR202

WILL
PRODUCT SPEC
—
APPLICATION SPEC
—

WEIGHT	—
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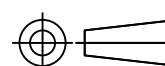
CUSTOMER DRAWING

6	 TE Connectivity Ltd.
6	

6	NAME
	MINI-FAKRA PLUG 2P R/A X-CODE PCB MNT WP
	—
	—

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-2545462	—

SCALE	1:1	SHEET	2 OF 2	REV	A
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MATERIAL	SEE TABLE
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TOLERANCES UNLESS OTHERWISE SPECIFIED		
0	PLC	$\pm -$
1	PLC	± 0.3
2	PLC	± 0.2
3	PLC	± 0.1
4	PLC	$\pm -$
ANGLES		± 5
FINISH		