

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

RoHS: COMPLIANT.

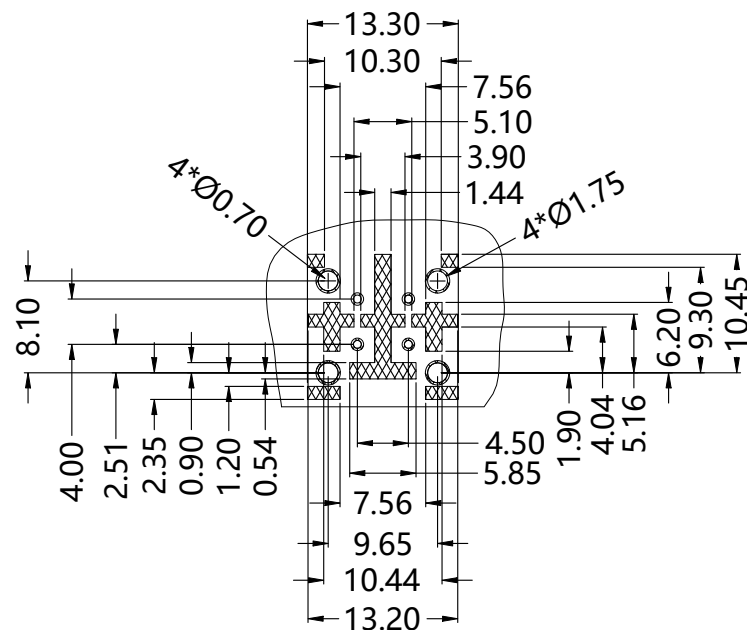
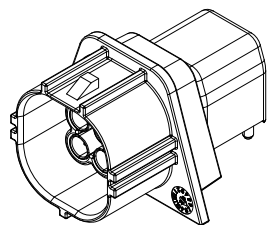
SPECIFICATIONS:
IMPEDANCE: 50Ω
FREQUENCY: DC TO 9GHz
VSWR FEEQUENCY,GHz
<1.25 @DC 0.01≤ f ≤ 2GHz
<1.45 2< f ≤ 6 GHz
<1.55 6< f ≤ 7 GHz
<1.75 7< f ≤ 9 GHz

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: ≤75 N.
DISENGAGEMENT FORCE: ≥5 N.
RETENTION FORCE LATCH: ≥110 N.

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

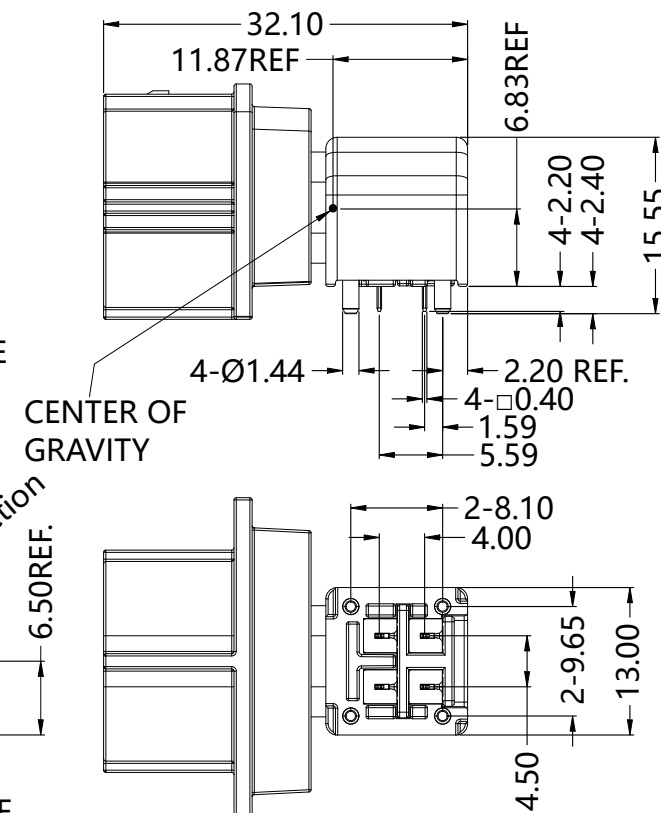
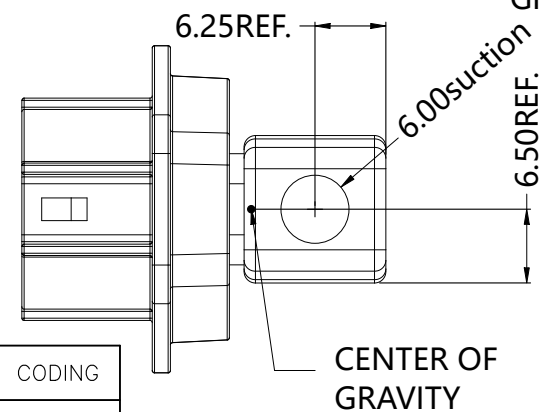
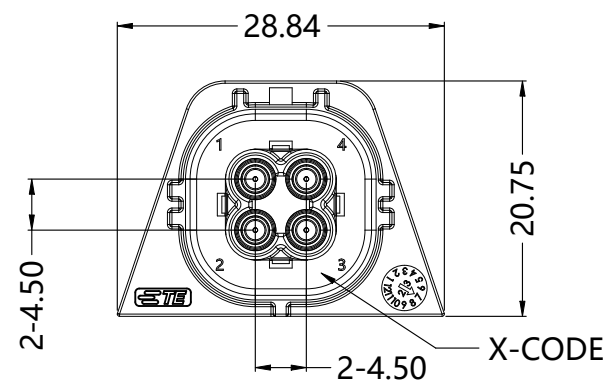


RECOMMENDED
PCB LAYOUT
TOLERANCE:±0.05

TEPN	DESCRIPTION	CODING
2545463-1	MINI-FAKRA PLUG 4P R/A A-CODE PCB MNT WP	A
2545463-2	MINI-FAKRA PLUG 4P R/A B-CODE PCB MNT WP	B
2545463-3	MINI-FAKRA PLUG 4P R/A C-CODE PCB MNT WP	C
2545463-4	MINI-FAKRA PLUG 4P R/A D-CODE PCB MNT WP	D
2545463-5	MINI-FAKRA PLUG 4P R/A E-CODE PCB MNT WP	E
2545463-6	MINI-FAKRA PLUG 4P R/A F-CODE PCB MNT WP	F
2545463-7	MINI-FAKRA PLUG 4P R/A G-CODE PCB MNT WP	G
2545463-8	MINI-FAKRA PLUG 4P R/A H-CODE PCB MNT WP	H
2545463-9	MINI-FAKRA PLUG 4P R/A J-CODE PCB MNT WP	J
1-2545463-0	MINI-FAKRA PLUG 4P R/A K-CODE PCB MNT WP	K
1-2545463-1	MINI-FAKRA PLUG 4P R/A N-CODE PCB MNT WP	N
1-2545463-2	MINI-FAKRA PLUG 4P R/A Z-CODE PCB MNT WP	Z

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	GTP: ECN-26-393819	13JUL2026	TP	AV



NOTES:
FINISH (PLATING THICKNESS IN MICRO-INCHES)

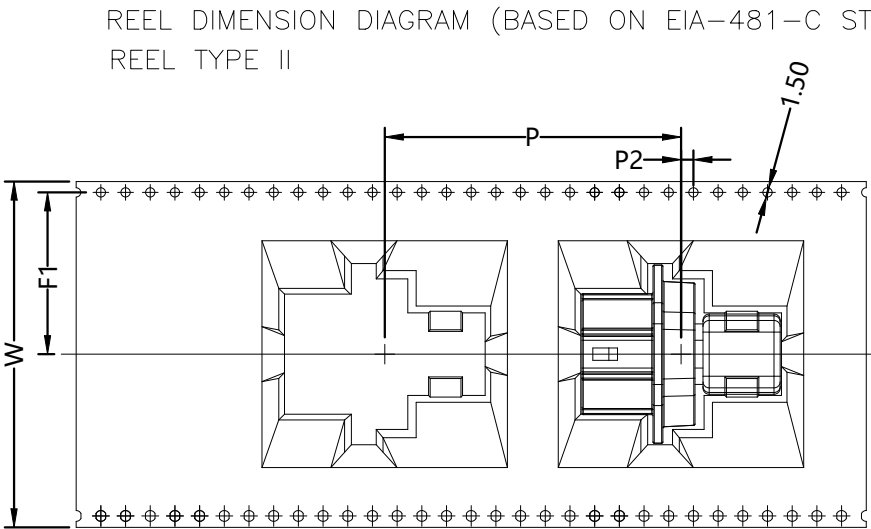
- 100 MICROINCHES MIN MATTE TIN PLATED.
100 MICROINCHES MIN OVER NICKEL UNDERPLATED.
50 MICROINCHES MIN OVER COPPER UNDERPLATED.
- 5 MICROINCHES MIN GOLD PLATED
(10WT%P) MICROINCHES MIN OVER NICKEL UNDERPLATED
50 MICROINCHES MIN OVER COPPER UNDERPLATED

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

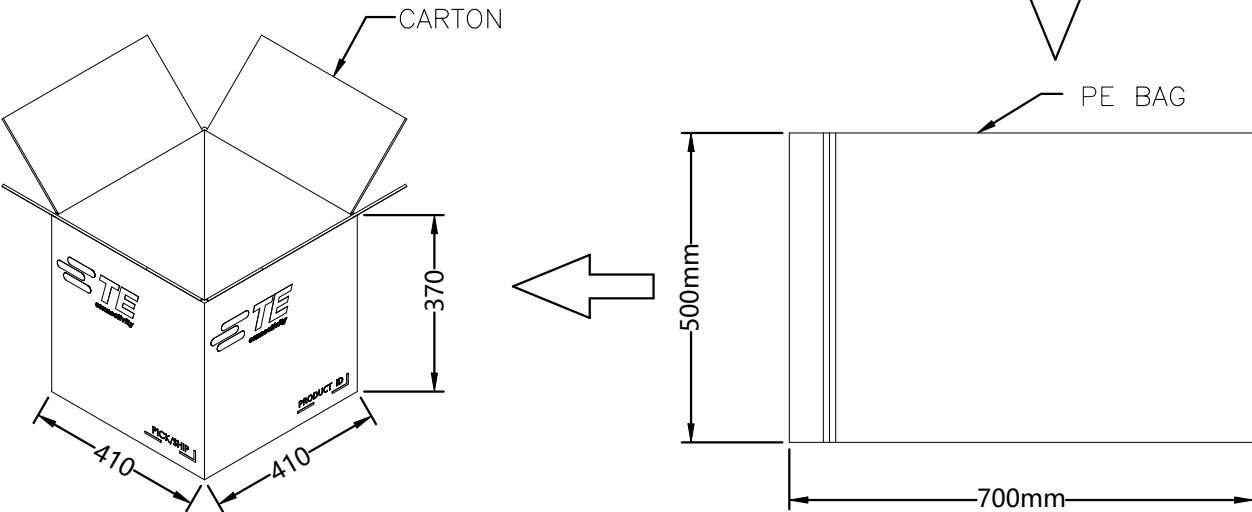
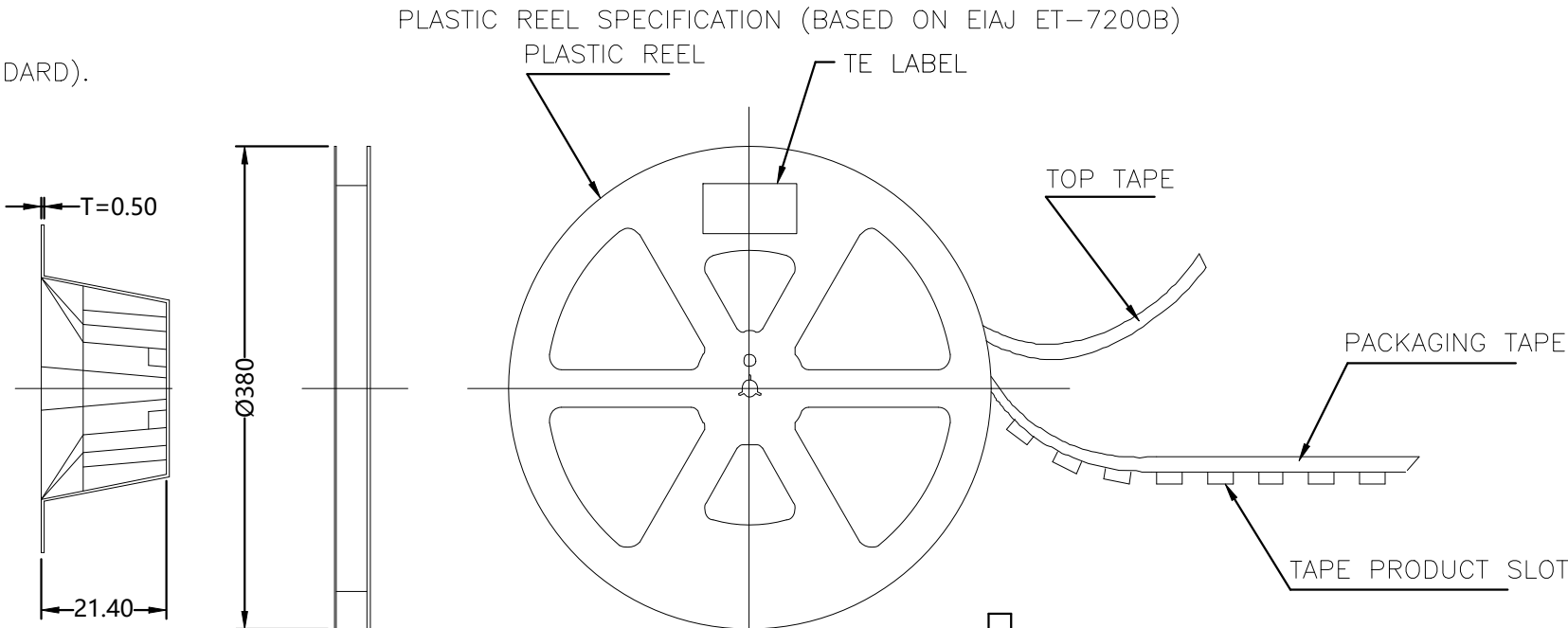
PARTS LIST

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TP 23JUNE2026	TE Connectivity Ltd.			
		CHK TP 23JUNE2026				
DIMENSIONS: mm		APVD ARAVIND 23JUNE2026	NAME MINI-FAKRA PLUG 4P R/A X-CODE PCB MNT WP			
		PRODUCT SPEC	-			
		APPLICATION SPEC	-			
MATERIAL SEE TABLE		WEIGHT 16.8	SIZE A3	CAGE CODE 00779	DRAWING NO C-2545463	RESTRICTED TO -
CUSTOMER DRAWING			SCALE 1:1	SHEET 1 OF 2	REV A	

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



- 1 PRIMARY PACKING: 70 PCS/REEL(70PCS)
- 2 OUTER PACKING: 6 REEL/CARTON(420PCS)
- 3 SINGLE WEIGHT: 16.8g
- 4 WEIGHT PER BOX: 11.8 KG



SIZE TABLE (PACKAGING TAPE, PLASTIC REEL PACKAGING)

PART NUMBERS	PRODUCT SPECIFICATIONS	REEL TYPE	W	F1	P	P2	1 REEL PACK QUANTITY
X-2545463-X	MINI-FAKRA PLUG 4P R/A X-CODE PCB MNT WP	TYPE II	56.0	26.2	48.0	2.0	70 PCS

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		CHK TP	23JUNE2026			
		APVD	23JUNE2026	NAME MINI-FAKRA PLUG 4P R/A X-CODE PCB MNT WP		
		PRODUCT SPEC				
		APPLICATION SPEC				
		WEIGHT	0	SIZE	CAGE CODE	DRAWING NO
				A3	00779	C-2545463
		CUSTOMER DRAWING		SCALE	1:1	SHEET 2 OF 2
						REV A