

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

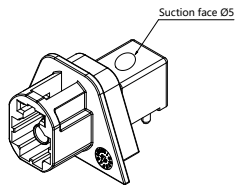
RoHS: COMPLIANT.

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

INSULATION RESISTANCE: ≥1X10³ MΩ.
VOLTAGE RATING: 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

TEPN	DESCRIPTION	CODING
2545456-1	MINI-FAKRA PLUG 1P R/A A-CODE PCB MNT WP	A
2545456-2	MINI-FAKRA PLUG 1P R/A B-CODE PCB MNT WP	B
2545456-3	MINI-FAKRA PLUG 1P R/A C-CODE PCB MNT WP	C
2545456-4	MINI-FAKRA PLUG 1P R/A D-CODE PCB MNT WP	D
2545456-5	MINI-FAKRA PLUG 1P R/A E-CODE PCB MNT WP	E
2545456-6	MINI-FAKRA PLUG 1P R/A F-CODE PCB MNT WP	F
2545456-7	MINI-FAKRA PLUG 1P R/A G-CODE PCB MNT WP	G
2545456-8	MINI-FAKRA PLUG 1P R/A H-CODE PCB MNT WP	H
2545456-9	MINI-FAKRA PLUG 1P R/A J-CODE PCB MNT WP	J
1-2545456-0	MINI-FAKRA PLUG 1P R/A K-CODE PCB MNT WP	K
1-2545456-1	MINI-FAKRA PLUG 1P R/A N-CODE PCB MNT WP	N
1-2545456-2	MINI-FAKRA PLUG 1P R/A Z-CODE PCB MNT WP	Z

THIS DRAWING IS A CONTROLLED DOCUMENT.

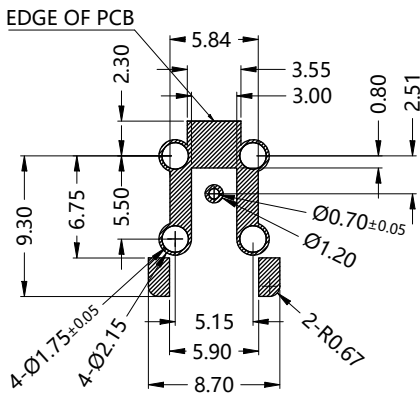
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC ± - 1 PLC ± 0.3 2 PLC ± 0.2 3 PLC ± 0.1 4 PLC ± - ANGLES ± 3 FINISH -
MATERIAL SEE TABLE	

DWN TP	23JUNE2026
CHK TP	23JUNE2026
APVD ARAVIND	23JUNE2026
PRODUCT SPEC	
APPLICATION SPEC	
WEIGHT	7.53 g
CUSTOMER DRAWING	

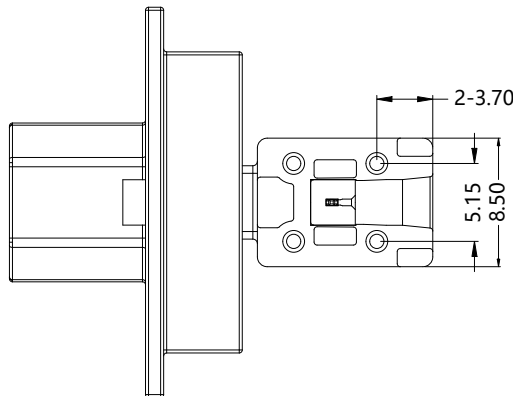
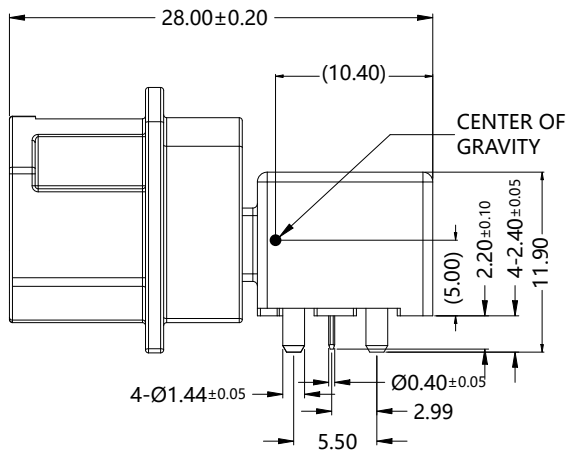
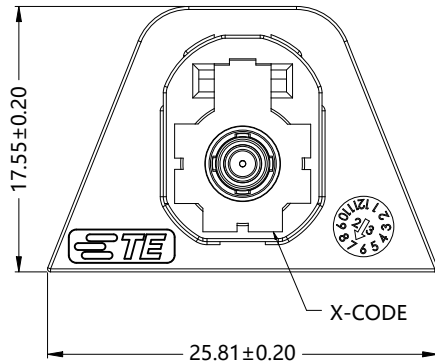
NAME MINI-FAKRA PLUG 1P R/A X-CODE PCB MNT WP			
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C=2545456	-
SCALE		SHEET	REV
1:1		1 OF 2	A

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

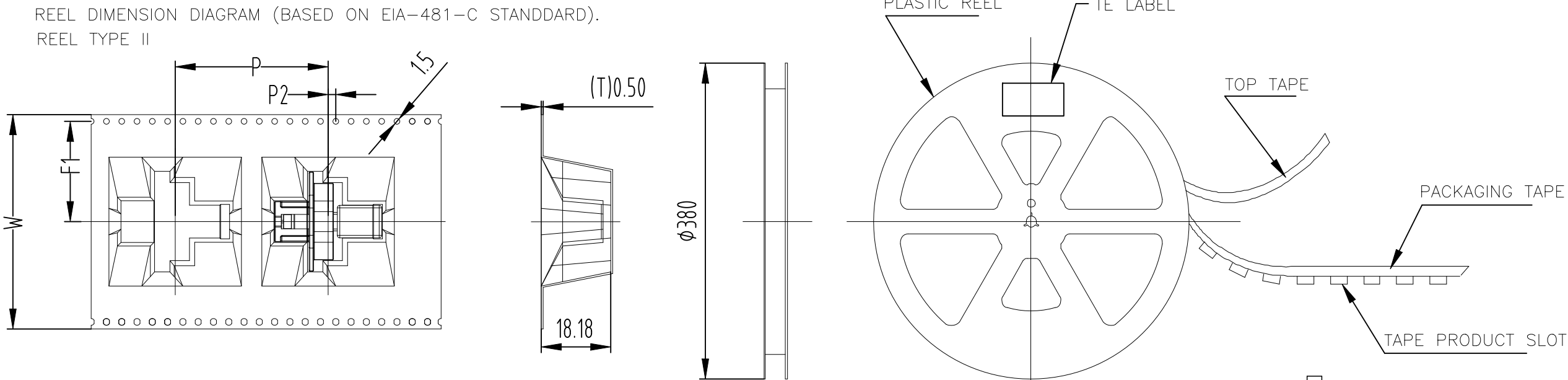
PARTS LIST



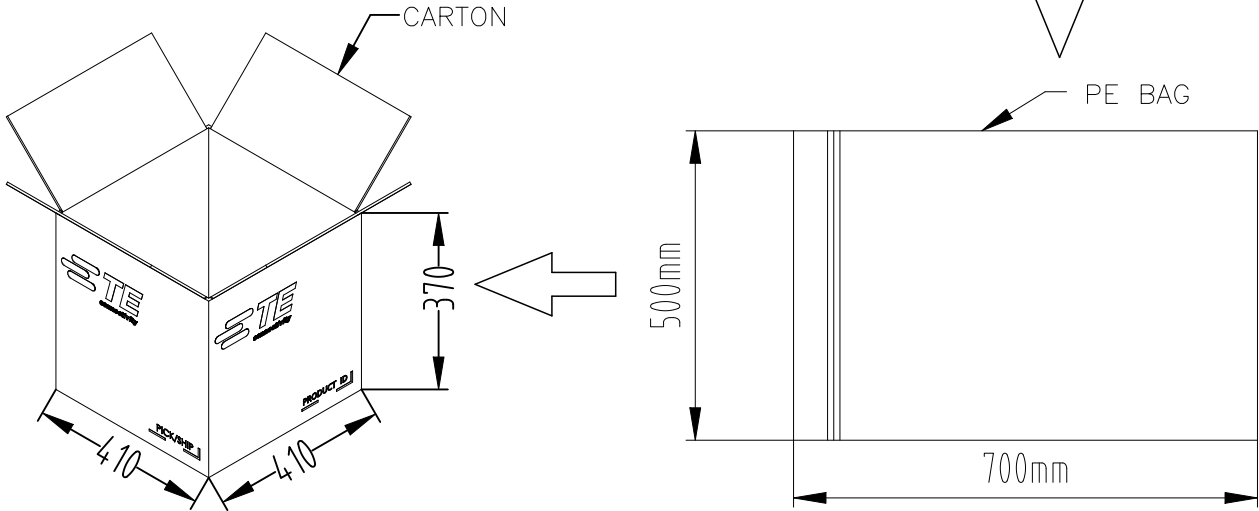
TE Connectivity Ltd.

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

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

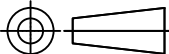


- 1 PRIMARY PACKING: 100 PCS/REEL(100PCS)
- 2 OUTER PACKING: 6 REEL/CARTON(600PCS)
- 3 SINGLE WEIGHT: 7.53g
- 4 WEIGHT PER BOX: 9.2 KG



SIZE TABLE (PACKAGING TAPE, PLASTIC REEL PACKAGING)

PART NUMBERS	PRODUCT SPECIFICATIONS	REEL TYPE	W	F1	P	P2	1 REEL PACK QUANTITY
X-2545456-X	MINI-FAKRA PLUG 1P R/A X-CODE PCB MNT WP	TYPE II	56.0	26.2	40.0	2.0	100 PCS

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TP	3APR2026		TE Connectivity Ltd.			
		CHK TP	23JUNE2026					
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± 0.3 2 PLC ± 0.2 3 PLC ± 0.1 4 PLC ± — ANGLES ± 3		APVD ARAVIND	23JUNE2026		NAME MINI-FAKRA PLUG 1P R/A X-CODE PCB MNT WP		
			PRODUCT SPEC —			—		
			APPLICATION SPEC —			—		
			—			—		
			—			—		
MATERIAL SEE TABLE	FINISH —	WEIGHT 0	A3		CAGE CODE 00779	DRAWING NO C=2545456		RESTRICTED TO —
CUSTOMER DRAWING						SCALE 1:1	SHEET 2 OF 2	REV A