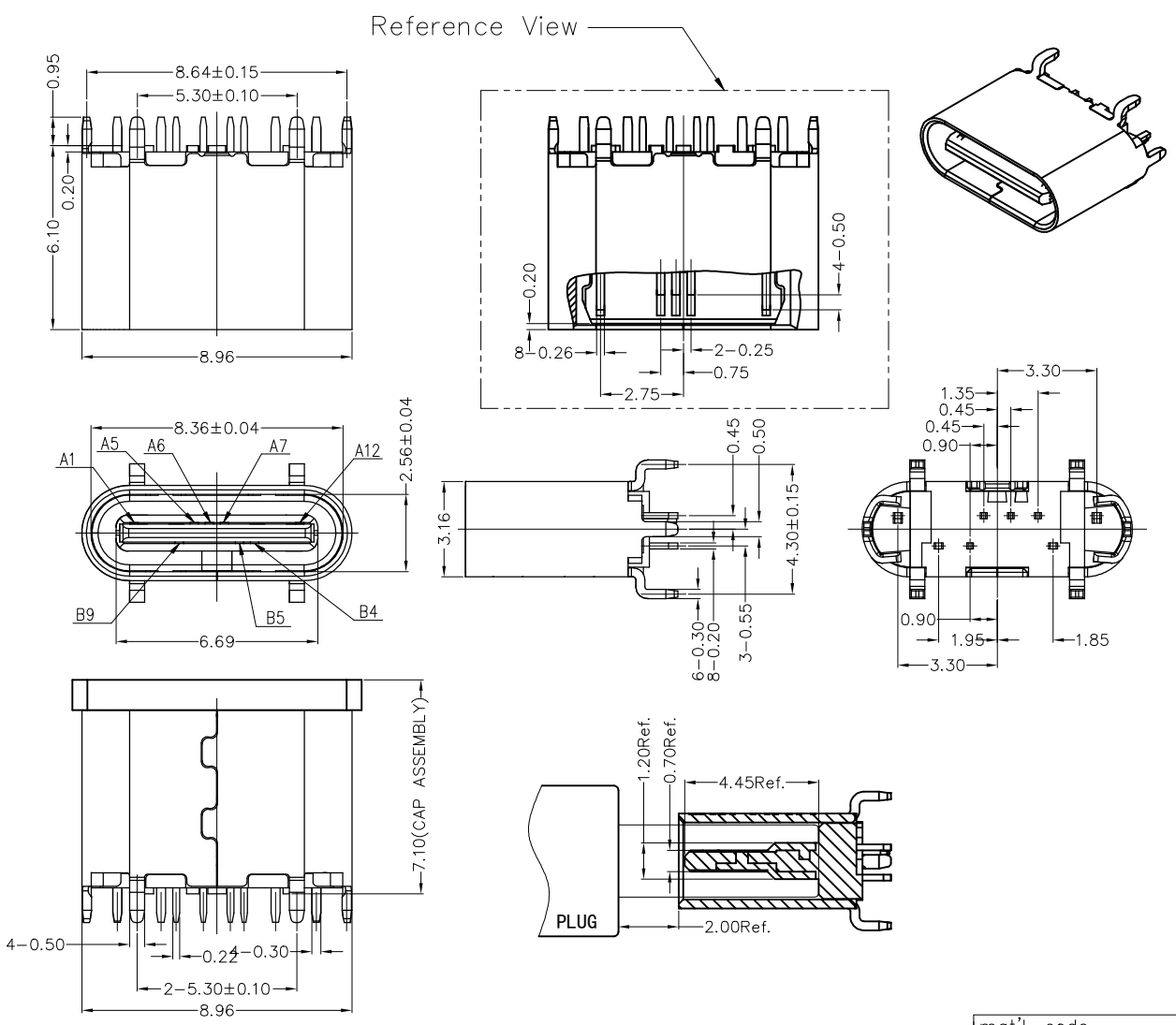

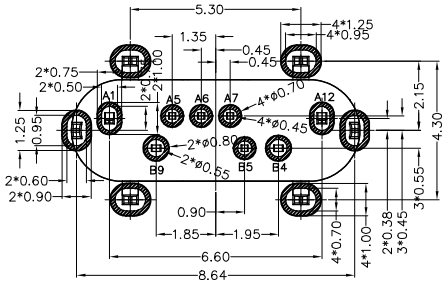

RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED ±0.05mm

NOTE:
1.MATERIAL SPECIFICATION:
1-1: HOUSING: HIGH TEMPERATURE PLASTIC.UL94 V-0 BLACK.
1-2: CONTACTS : COPPER ALLOY
1-3: SHELL: STAINLESS STEEL
2.PLATING SPECIFICATION:
2-1.CONTACTS:
Ni PLATING UNDER PLATED OVER ALL
CONTACT AREA : REFER THE PART NUMBER
G/F PLATING SPECIFICATIONS OF THE SOLDER AREA
2-2: SHELL
Ni PLATED OVER ALL
3.SPECIFICATION:
3-1: CURRENT RATING: 3.0A MAX
3-2: VOLTAGE: 48 VAC
3-3: TEMPERATURE RANGE: -30 ℃ ~ 85 ℃
3-4: VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
3-5: INSULATION RESISTANCE: 100 MEGOHMS MIN.
3-6: LNSERTION FORCE: 5N~20N
3-7: UNMATING FORCE: 8N~20N
3-8: DURABILITY: 10000 CYCLES
4.PRODUCT PART NUMBER DESCRIPTION:
10176783 - 0 0 0 X X LF
LEAD FREE
PACKING TYPE:
1: TAPE/REEL
CONTACT AREA PLATING
1: 3u" GOLD

mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family
ltr	ecn no	dr	date	tolerances unless otherwise specified			USB
A	-	TY Tang	2025/06/27	angles	linear 0.X±0.35	mm	title
B	ELX-N-302211	TY Tang	2026/08/18		0.XX±0.25		USB TYPE C VERTICAL
				0°±x°	0.XXX±0.15	scale 1:1	8P TH TYPE
				dr	Tian-Yu Tang 2026/08/18	Amphenol FCi	dwg no 10176783 sheet 1 of 1 size A3
				engr	Tian-Yu Tang 2026/08/18		
				chr	L-Q Lei 2026/08/18		
				appd	Tim Yao 2026/08/18		type Product Customer Drawing
sheet index	revision B						
	sheet 1						

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