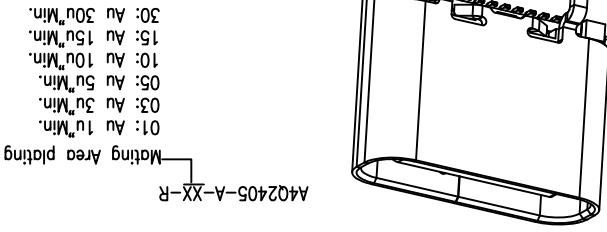
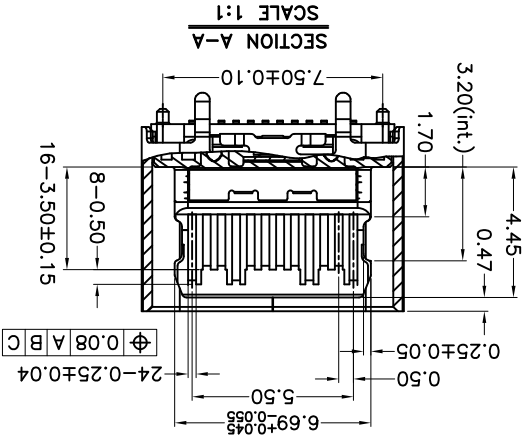
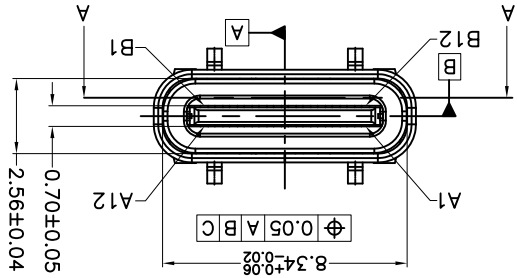
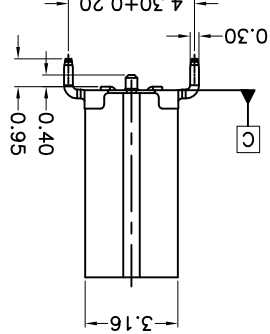
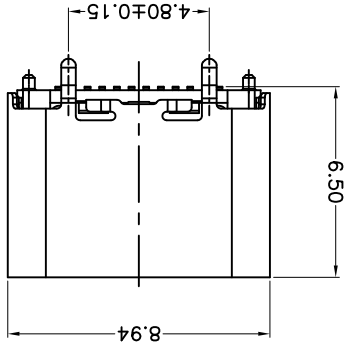
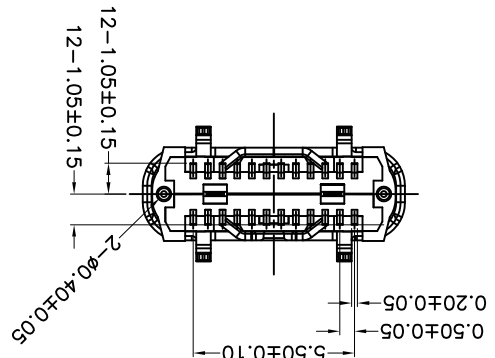


REV	ECN NO	DESCRIPTION	DESIGN	DATE
X3	TE2020-XXXX	Change from C1814 to 18150	Mike	2020/03/11
X2	TE2020-XXXX	Change from Mott Tin to GF	Mike	2020/02/25
X1	TE2019-XXXX	New Drawing	Mike	2019/11/27

Item	Title	Material	Dispose	Remark
1	Shell	Stainless Steel	Ni:30u" Min.	
2	EMI Plate	Stainless Steel	Clear Only	
3	Mid Plate	Stainless Steel	Clear Only	
4	Top Contact	Copper Alloy	Mating Area: See P/N Solder Tails: GF	
5	Bottom Contact	Copper Alloy		
6	Insulator	High Temperature Plastic	UL 94V-0	Black



- NOTE:
- 1.MATERIAL SPECIFICATION:
UL94 V-0. COLOR:BLACK.
 - 1-1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC(LCP).
 - 1-2.CONTACTS:COPPER ALLOY(C18150)T=0.12mm
 - 1-3.MID PLATE: STAINLESS STEEL(SUS301)T=0.15mm
 - 1-4.EMI PLATE: STAINLESS STEEL(SUS301)T=0.10mm
 - 1-5.SHELL: STAINLESS STEEL(SUS304)T=0.30mm
 - 2.PLATING SPECIFICATION:
NI 50u" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE MATING AREA OF CONTACT.
(GOLD PLATING THICKNESS FOLLOW THE P/N)
GOLD FLASH PLATED ON THE SOLDER AREA.
GOLD FLASH PLATING THICKNESS IS NOT REQUIRED.
 - 2-2.SHELL:
NI 30u" MIN. UNDER PLATED OVER ALL.
 - 2-3.MID PLATE:
CLEAR ONLY
 - 2-4.EMI PLATE:
CLEAR ONLY
 - 3.MECHANICAL PERFORMANCE,
3-1.INSERTION FORCE: 0.5~2.0kgf
3-2.EXTRACTION FORCE: 0.8kgf~2.0kgf
3-3.DURABILITY: 10000 CYCLES.
 - 4.ELECTRICAL PERFORMANCE,
4-1. CURRENT RATING:5.0A
VOLTAGE RATING:5.0V
 - 4-2. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD: 50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - 4-3.INSULATION RESISTANCE: 100MΩ MIN
4-4.DIELECTRIC WITHSTAND VOLTAGE:AC 100V FOR 1 MINUTE.
 5. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
6.IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.
 7. ROHS and HF COMPLIANT.

THE PART MEETS TECONN "GP001" COMPLIANCE NEW REV.



REV: X3	SHEET: 10F2	CUSTOMER DRAWING
DWG NO: C-A4Q2405-A-XX-R	PART NO: A4Q2405-A-XX-R	DR: Mike
SCALE: 4:1	UNITS: mm	APPR: Lebon Lee
TITLE: USB TYPE C FEMALE, VERTICAL TYPE SHELL	CHKD: 0.15	X. ± 0.35
		X. ± 0.25
		.XX ± 0.15
		X. ± 1.5
		X. ± 2

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