

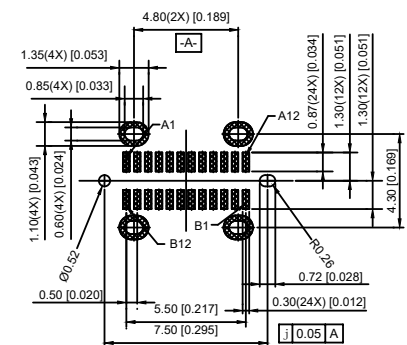
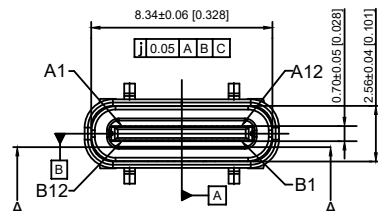
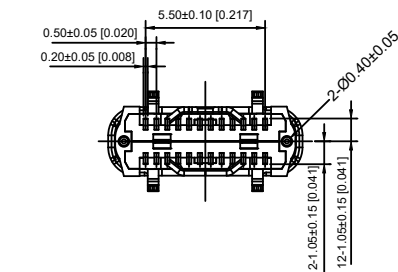
2. PLATING SPECIFICATION:
2-1. CONTACTS:
 Ni 500' MIN. UNDER PLATED OVER ALL.
 Au PLATED ON THE MATING AREA OF CONTACT
 (GOLD PLATING THICKNESS FOLLOW THE PIN)
 GOLD FLASH PLATED ON THE SOLDER AREA.
2-2. SHELL:
 Ni 500' MIN. UNDER PLATED OVER ALL.
2-3. MID PLATE:
 CLEAR ONLY
3. MECHANICAL PERFORMANCE.
3-1. INSERTION FORCE: 0.5-2.0kgf
3-2. EXTRACTION FORCE: 0.8kgf-2.0kgf.
 0.8kgf-2.0kgf. AFTER DURABILITY TEST.
3-3. DURABILITY: 10000 CYCLES.
4. ELECTRICAL PERFORMANCE,
4-1. CURRENT RATING: 50A
 VOLTAGE RATING: 5.0V
4-2. LLOR:
 VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
 AUXILIARY: 50mΩ/PIN MAX.
 LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
4-3. INSULATION RESISTANCE: 1000M Ω
4-4. DIELECTRIC WITHSTANDING VOLTAGE:AC 100V FOR 1 MINUTE
5. ENVIRONMENTAL PERFORMANCE,
 OPERATING TEMPERATURE: -25°C~+85°C
6. REF. FLOW
 THE PEAK TEMPERATURE ON THE BOARD SHALL
 BE MAINTAINED FOR 10 SECONDS AT 260°C.

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	V _{bus}	B9	V _{bus}
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	V _{bus}	B4	V _{bus}
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

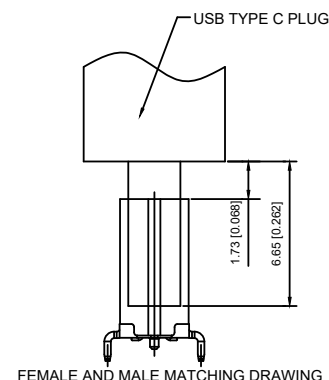
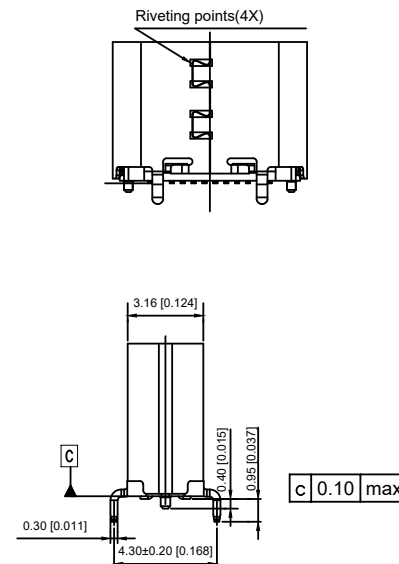
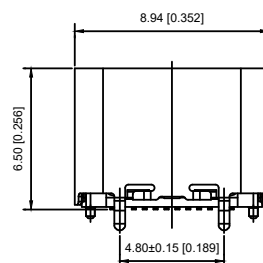
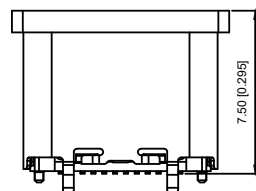
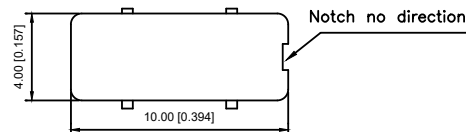
Item	Title	Material	Dispose	Remarks
1	Shell	Stainless Steel	Ni:30u" Min.	✓
2	EMI Plate	Stainless Steel	Clear Only	✓
3	Mid Plate	Stainless Steel	Clear Only	✓
4	Top Contact	Copper Alloy		✓
5	Bottom Contact	Copper Alloy	Mating Area: See PN Solder Tails: GF	✓
6	Insulator	High Temperature Plastic	UL 94V-0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

01:AU 1U"Min			
03:AU 3U"Min	1:PBT	W:WHITE	
05:AU 5U"Min	2:PA6T	B:BLACK	
10:AU 10U"Min	3:PA9T		
15:AU 15U"Min	4:LCP		
30: AU 30U"Min			

DSND		SCALE: N/A	MODEL TYPE: Type-C 3.1		
DWN		VIEW: 	PART NO.: U263-243N-4BQC65		
CHKD		UNIT: mm/in	DWG NO.: X-U263-243N-4BQC65		
APPD		SIZE: A4			
PRECISION CO.,LIMITED			WEIGHT	SHEET 1/1	REVISION A0



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.8±0.10MM;DEFAULT TOLERANCE:±0.05



SECTION A-A
SCALE 1:1

					ANGLAR	±5°
ΔX					L ≤ 4	±0.2
ΔX					4 < L ≤ 16	±0.3
ΔX					16 < L ≤ 63	±0.4
MARK	DESCRIPTION	DATE	REVISED	APPROVED	L > 63	±0.5
REVISIONS					UNSPECIFIED TOLERANCES	
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