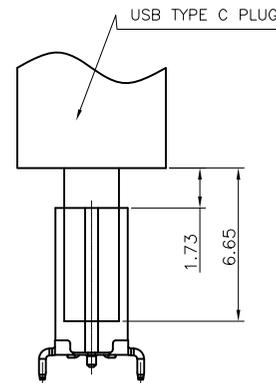
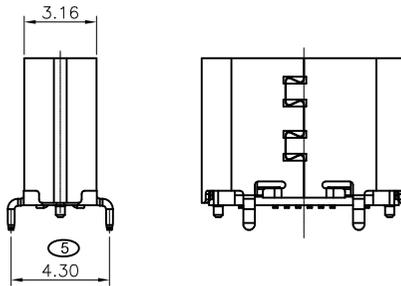
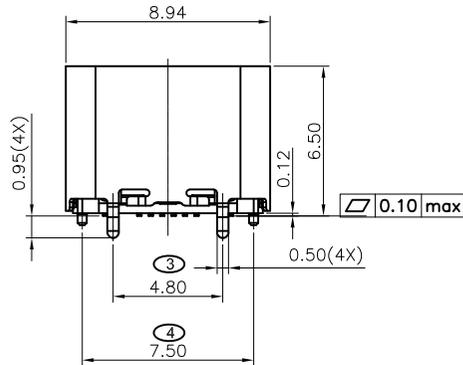
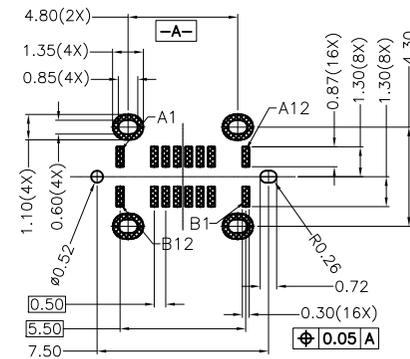


- NOTE:
- MATERIAL SPECIFICATION:
 - HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC(LCP), UL94 V-0. COLOR: BLACK.
 - CONTACTS: COPPER ALLOY(C1814)T=0.12mm
 - MID PLATE: STAINLESS STEEL(SUS301)T=0.15mm
 - SHELL: STAINLESS STEEL(SUS304)T=0.30mm
 - PLATING SPECIFICATION:
 - CONTACTS:
 - Ni 50u" MIN. UNDER PLATED OVER ALL.
 - Au PLATED ON THE MATING AREA OF CONTACT.
 - Matt Sn PLATED ON THE SOLDER AREA.
 - SHELL:
 - Ni 30u" MIN. UNDER PLATED OVER ALL.
 - MECHANICAL PERFORMANCE,
 - INSERTION FORCE: 0.5~2.0kgf.
 - EXTRACTION FORCE: 0.8kgf~2.0kgf. 0.6kgf~2.0kgf. AFTER DURABILITY TEST.
 - DURABILITY: 10000 CYCLES.
 - ELECTRICAL PERFORMANCE,
 - CURRENT RATING: 5.0A VOLTAGE RATING: 5.0V
 - LLCR:
 - VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
 - SHIELD: 50mΩ/MAX.
 - LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - INSULATION RESISTANCE: 100MΩ MIN
 - DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
 - ENVIRONMENTAL PERFORMANCE:
 - OPERATING TEMPERATURE: -25°C~+85°C.
- ※ SIGN "X" IS IMPORTANCE DIMENSION



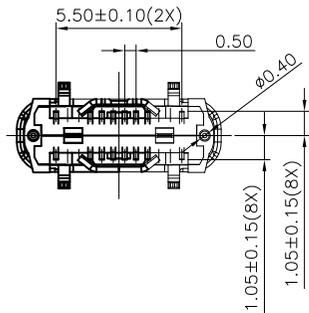
FEMALE AND MALE MATCHING DRAWING



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

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2		B11	
A3		B10	
A4	Vbus	B9	Vbus
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	Vbus	B4	Vbus
A10		B3	
A11		B2	
A12	GND	B1	GND



KEM 奇速科技有限公司
Qi-Speed Technology CO., LTD.

產品名稱:
PRODUCT NAME
USB TYPE C FEMALE 16PIN
VERTICAL TYPE SHELL H6.50mm

版本	修改事項	修改日期

單位: mm	繪圖	設計	審核	核准
比例:	DRAWING	DESIGNED	CHECKED BY	APPROVAL BY
公差: .X ±0.38 .XX ±0.25 .XXX ±0.13	JOHNY	JOHNY	LUKE	JAMES
日期: 2019/10/28				

料號: KUSBC041-F001
PART NUMBER
圖號: KUSBC041-F001-1
DRAWING NO
版本: REV. 0