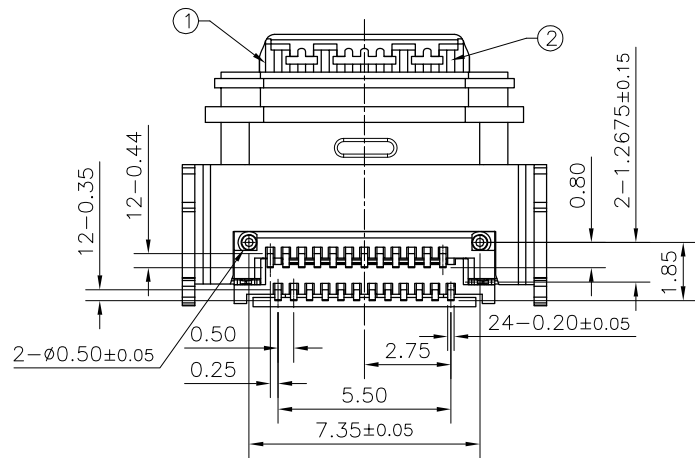
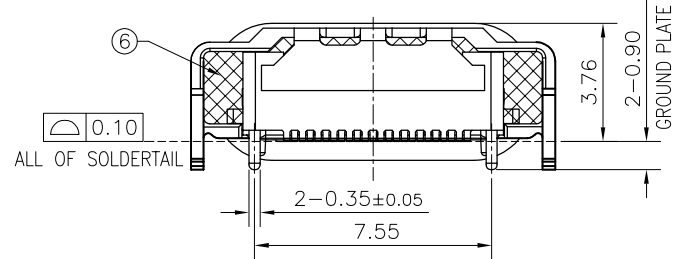
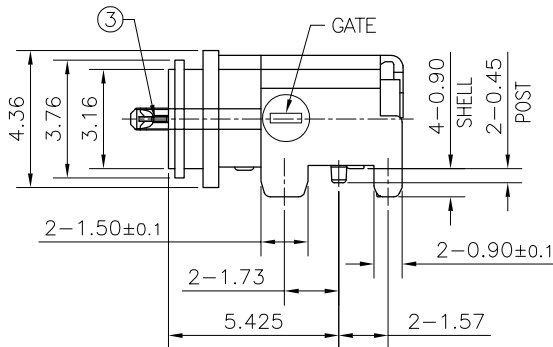
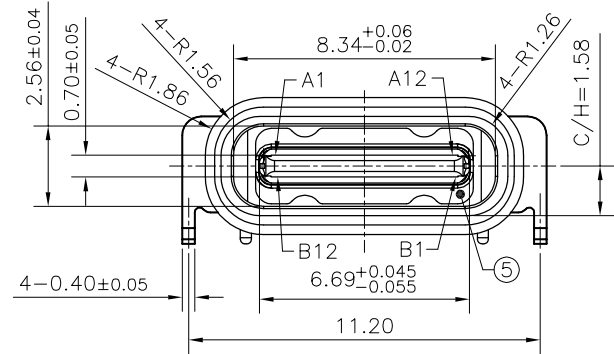


RECEPTACLE & PLUG MATED CONITION



- NOTES:
- MATERIAL: SEE THE TABLE
 - FINISH:
 - TERMINAL:
 - 30u" MIN. GOLD PLATING ON CONTACT.
 - 80u" MIN. NICKEL PLATING OVERALL.
 - 60u" MIN. MATT TIN PLATING ON SOLDER TAILS.
 - ELECTRICAL CHARACTERISTICS:
 - CURRENT RATING: 5A
 - LOW LEVEL CONTACT RESISTANCE:
 - INITIAL: 40mΩ MAX. , AFTER: 50mΩ MAX.
 - DIELECTRIC WITHSTANDING VOLTAGE: 100VAC FOR 1 MINUTE.
 - INSULATION RESISTANCE: 100MΩ MIN.
 - MECHANICAL CHARACTERISTICS:
 - INSERTION FORCE: 5N~20N
 - EXTRACTION FORCE: 8N~20N(INITIAL), 6N~20N(AFTER TEST)
 - DURABILITY: 10,000 CYCLES
 - WATER PROTECTION FOR IPX7
 - SPEC. PLS. REFER TO SPEC-31895-XXXX-XXX
 - PACKAGE PLS REFER TO 31895-024XX-XXX-PCK
 - PART NUMBER

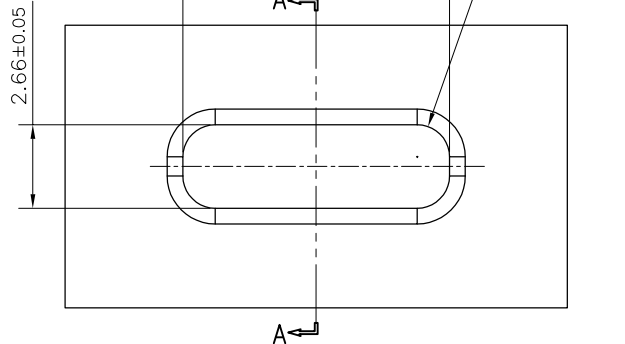
31895-024 X X-XXX

NO OF CKT: 001: NONE
 PACKING: PLATING
 0: TAPE & REEL D: 30u" MIN. GOLD ON CONTACT

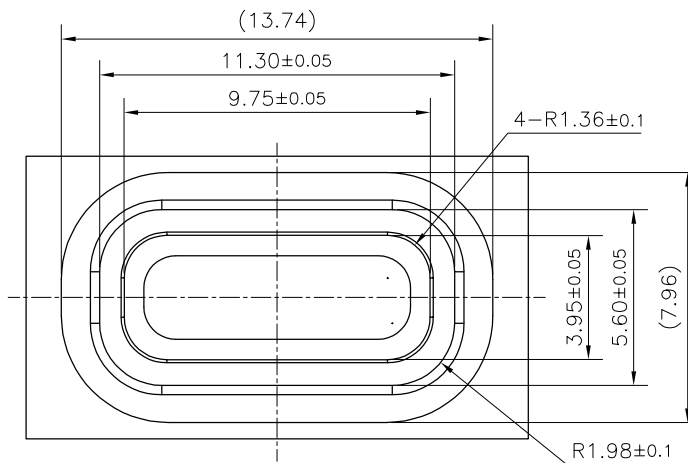
A12	GND	B1	GND
A11	SSRXp2	B2	SSTXp2
A10	SSRXn2	B3	SSTXn2
A9	VBUS	B4	VBUS
A8	SBU1	B5	CC2
A7	Dn1	B6	Dp2
A6	Dp1	B7	Dn2
A5	CC1	B8	SBU2
A4	VBUS	B9	VBUS
A3	SSTXn1	B10	SSRXn1
A2	SSTXp1	B11	SSRXp1
A1	GND	B12	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

6	GLUE	1	SILICONE	BLACK
5	EMC PAD	1	STAINLESS STEEL SUS304 T=0.08mm	N/A
4	SHELL	1	STAINLESS STEEL 630(17-4 PH)	50u" MIN. NICKEL PLATING OVERALL.
3	GROUND PLATE	1	STAINLESS STEEL SUS301 T=0.15mm	50u" MIN. NICKEL PLATING OVERALL.
2	TERMINAL	24	COPPER ALLOY C19400 T=0.10mm	SEE THE NOTES
1	HOUSING	1	THERMALPLASTIC, PA9T, UL94V-0	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

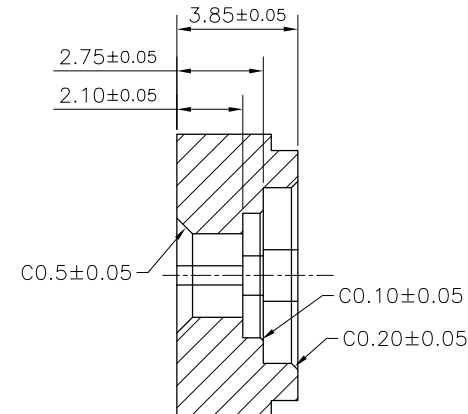
QUALITY SYMBOLS MAJOR CRITICAL GENERAL TOLERANCES (UNLESS SPECIFIED) X. ±0.5 .X ±0.25 .XX ±0.15 .XXX ±0.1 ANGLES ±2°	DRAWN BY Hsu, Wei Chun 19/07/09	DATE 19/07/09	
	CHECKED BY Chang, Chun Te 19/07/09	DATE 19/07/09	
APPROVED BY Kuo, Rong Hsun 19/07/09	DATE 19/07/09	UNITS mm	SIZE A4
SCALE 4:1	SHEET NO. 1 OF 3	REV B	RFO NO. N/A
		DWG NO. 31895-024XX-XXX	



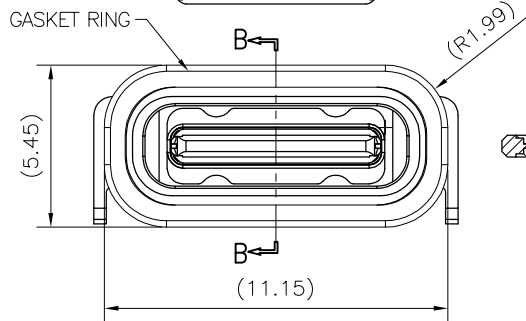
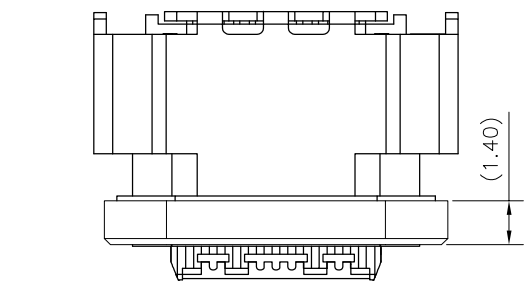
FRONT SIDE



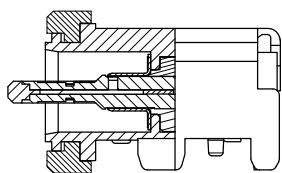
BACK SIDE
CASE DIMENSION (REF.)



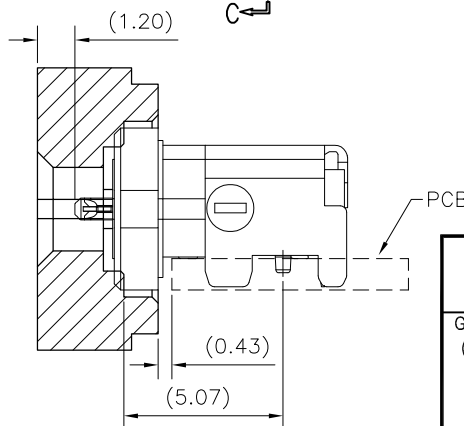
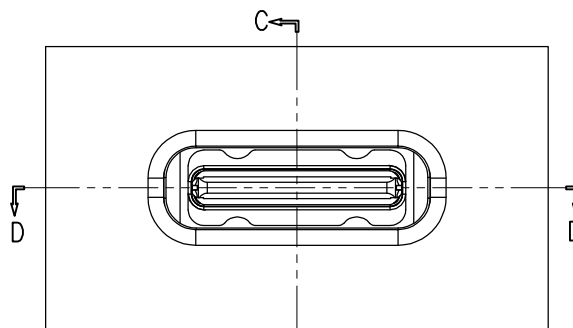
SECTION A-A



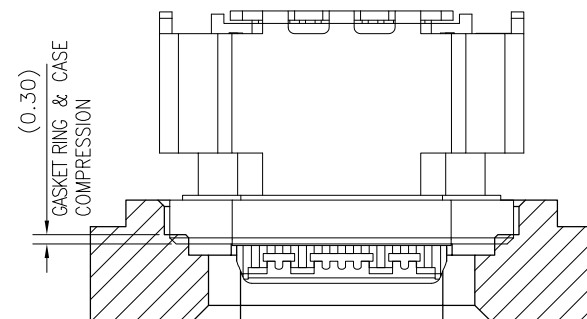
WITH GASKET RING DIMENSION



SECTION B-B



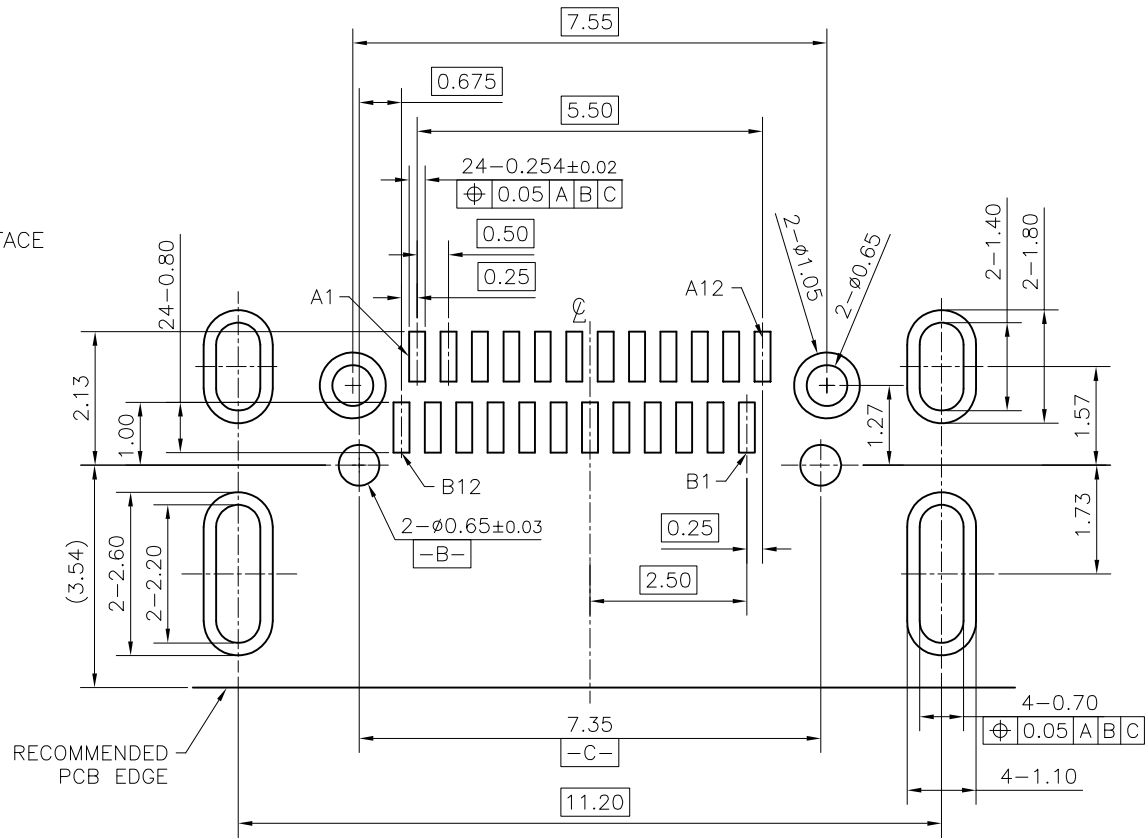
SECTION C-C



SECTION D-D

CASE INTEGRATION CONDITION (REF.)

QUALITY SYMBOLS MAJOR Ⓢ CRITICAL Ⓢ GENERAL TOLERANCES (UNLESS SPECIFIED) X. ±0.5 .X ±0.25 .XX ±0.15 .XXX ±0.1 ANGLES ±2°	DRAWN BY Hsu, Wei Chun DATE 19/07/09	
	CHECKED BY Chang, Chun Te DATE 19/07/09	
	APPROVED BY Kuo, Rong Hsun DATE 19/07/09	RFG. NO. N/A
UNITS mm		SIZE A4
SCALE 4 : 1	SHEET NO. 2 OF 3	REV B
		DWG. NO. 31895-024XX-XXX



RECOMMENDED PCBLAYOUT
 TOP VIEW
 SCALE 8:1
 (TOLERANCE=±0.05mm)

QUALITY SYMBOLS MAJOR CRITICAL	DRAWN BY	DATE	
	Hsu, Wei Chun	19/07/09	
GENERAL TOLERANCES (UNLESS SPECIFIED) X. ±0.5 .X ±0.25 .XX ±0.15 .XXX ±0.1 ANGLES ±2°	CHECKED BY	DATE	TITLE USB TYPE C REC CONN. DUAL SMT TYPE
	Chang, Chun Te	19/07/09	
	APPROVED BY	DATE	
	Kuo, Rong Hsun	19/07/09	
	UNITS		SIZE
	mm		A4
	SCALE	4 : 1	RFQ NO.
	SHEET NO.	3 OF 3	N/A
	REV	B	DWG NO.
			31895-024XX-XXX