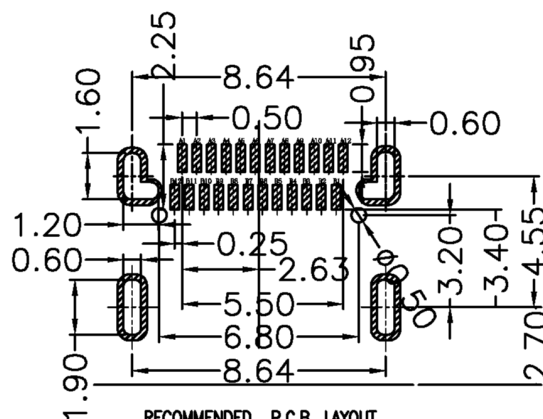
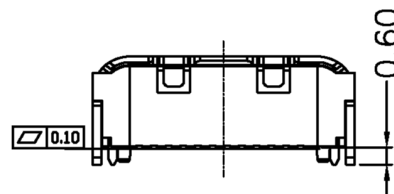
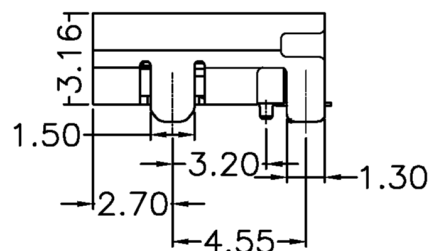
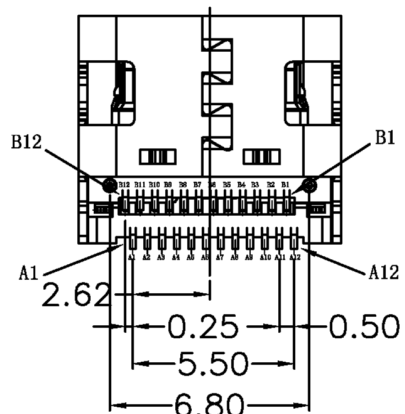
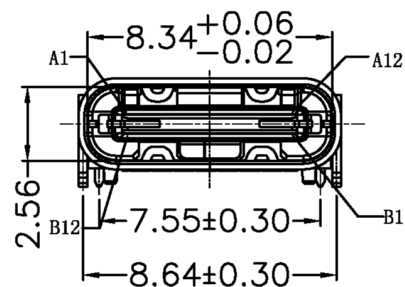
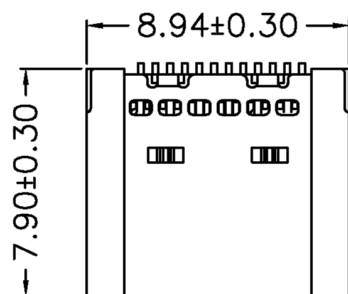


REV	LTR	DESCRIPTION	DATE	APPROVED
A0				



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

Remarks:

Materials:

1.1 Insulator Core: LCP + 30% G.F

1.2 Terminals: C18140, T = 0.12mm; Nickel base, Gold plating

1.3 Housing: Stainless steel, T = 0.30mm; Nickel-plated surface

1.4 Grounding Plate: Stainless steel, T = 0.10mm

1.5 Card: Stainless steel, T = 0.15mm

Main Characteristics:

2.1 Rated Current: 3A

2.2 Contact Resistance: 40m MAX

2.3 Insulation Resistance: 100M MIN @ 250V DC

2.4 Dielectric Strength Test: 100V AC

2.5 Solderability: Temperature 250 ± 5 , Time 5 ± 0.5s

2.6 Insertion Force: 2.0kgf MAX

Extraction Force: 0.8kgf MIN

2.7 Durability: 10,000 cycles

2.8 Operating Temperature: -30 to +80

A1	GND	B12	GND
A2	SSTXP1	B11	SSRXP1
A3	SSTXN1	B10	SSRXN1
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	SSRXN2	B3	SSTXN2
A11	SSRXP2	B2	SSTXP2
A12	GND	B1	GND
IN	SIGNAL NAME	PIN	SIGNAL NAME

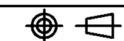
TOLERANCES

. X ±0.30

. XX ±0.20

. XXX ±0.10

ANGLES ±3.00°



APPD.:

CHECK:

DRAWN:

Shenzhen Kinghelm Electronics Co., Ltd. www.kinghelm.net

KH-TYPE-C-W-STM-24P 0755-83044319

TITLE:
USB Type-C/F Dual Row Surface Mount Six-Hole

DRAWING NO.: 812039-079

REV.:	SIZE:	UNIT:	SCALE:	SHEET:
A/0	A4	MM	1:1	1/1