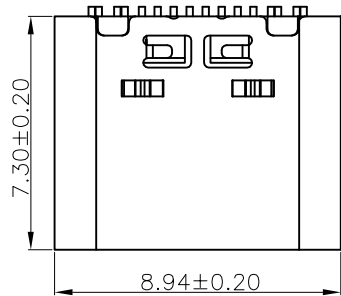
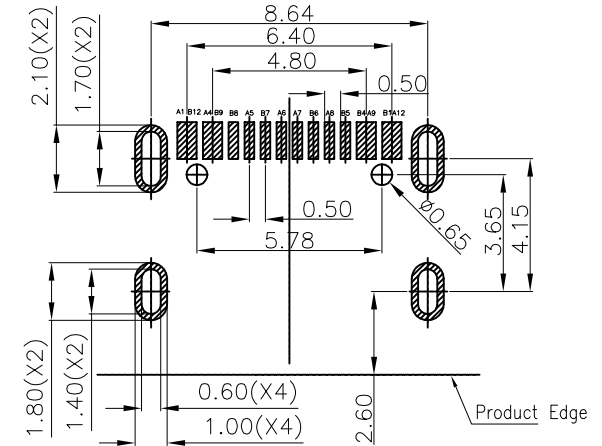


HSF COMPLIANT



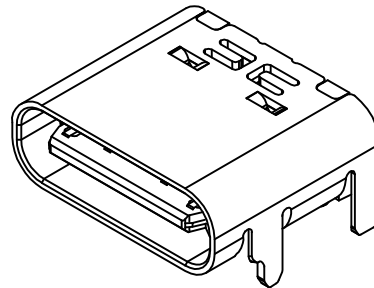
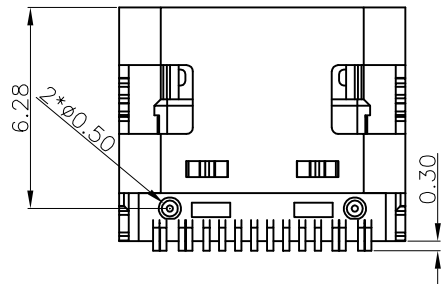
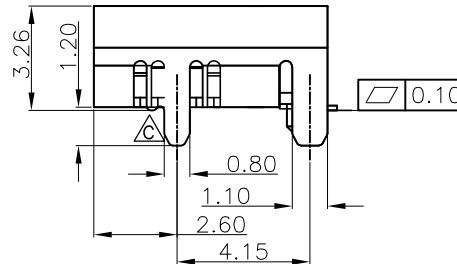
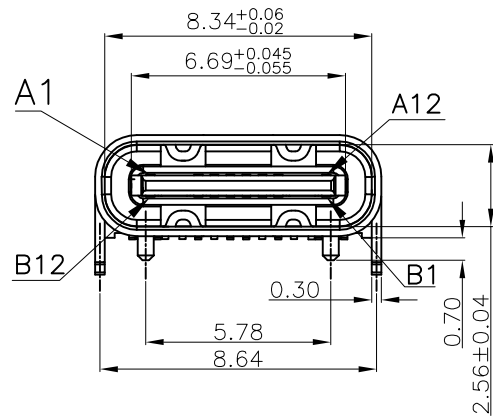
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME



RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED $\pm 0.05\text{mm}$

NOTES:

- ELECTRICAL CHARACTERISTICS:
 - CONTACT CURRENT RATING:
5.0A FOR VBUS PIN AND GND PIN.
0.25A MIN FOR ALL OTHER TERMINALS.
 - CONTACT RESISTANCE:
30MILLIOHM MAX FOR VBUS AND GND CONTACTS.
50MILLIOHM MAX FOR ALL OTHER CONTACTS.
 - DIELECTRIC WITHSTANDING VOLTAGE:100 VRMS AC MIN.
 - INSULATION RESISTANCE:100 MEGOHMS MIN.
- MECHANICAL CHARACTERISTICS:
 - CONNECTOR INSERTION FORCE:5~20N.
AT A MAXIMUN RATE OF 12.5MM PER SECOND.
 - CONNECTOR EXTRACTION FORCE:8~20N.
AT A MAXIMUN RATE OF 12.5MM PER SECOND.
 - DURABILITY:10000 CYCLES.
 - OPERATING TEMPERATURE:-55°C TO +85°C.
- RECOMMENED PROCESS: IR REFLOW 260°C,3"5SECONDS.



MTCONN PRECISION ELECTRONICS CO.,LTD

DIM	TOL	DEC	TOL	DRWN: Bel 2016/08/08	PART NO.: UBF31-0171
X.	±--	X.*	±2'	CHKD: John 2016/08/08	TITLE: USB type-c Female Power+data
X.X	±0.25'	X.X*	±2'	APPD: Bruce 2018/08/08	DRAWING NO.: UBF31-0171
X.XX	±0.15	X.XX*	±--	SHEET: 1/1	UNIT mm
X.XXX	±0.10	X.XXX*	±--		SCALE N/A
					SIZE A4
					REV C