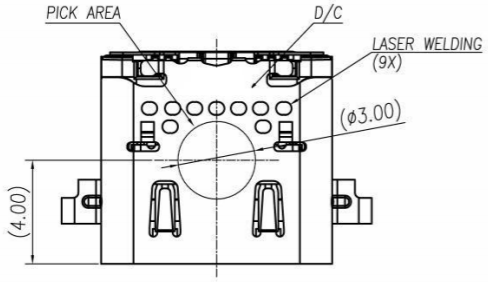
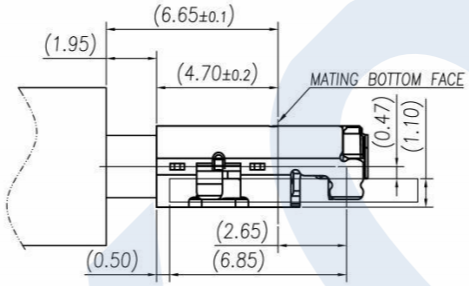
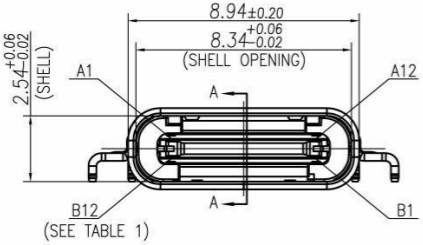
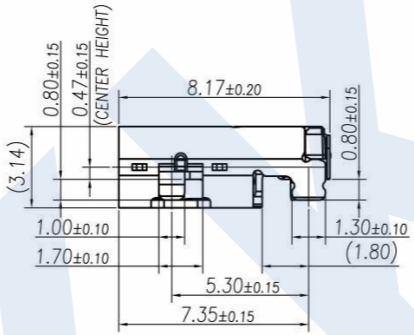
REV.	MODIFICATION	DATE	DRAW
XB	MODIF SHELL	2018.06.07	Michael
XC	MODIF SHELL	2018.08.05	Michael
XD	ECR-2019001	2019.06.18	Michael

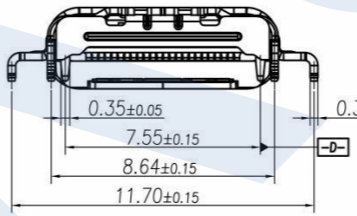


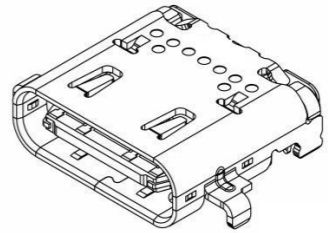


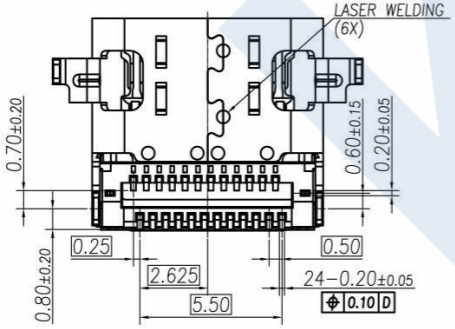
NOTES:
1.MATERIAL:
HOUSINGS: THERMOPLASTIC BLACK COLOR
FLAME RESISTANCE UL94V-0.
CONTACTS: COPPER ALLOY
SHELLS: STAINLESS STEEL
2.FINISHED:
CONTACTS: Au ON CONTACT AREA.(SEE NOTE 4: ⚠)
1u" MIN. Au PLATING ON THE SOLDER AREA.
80u" MIN. NICKEL UNDER PLATING OVER ALL.
SHELL: 50u"~150u" NICKEL UNDER PLATING OVER ALL
3.MSL LEVEL:
MSL(MOISTURE SENSITIVITY LEVEL)=1.
4.PART NUMBER:
UCF3M-62 N XX-X X 0 0
SHELL PLATING SPEC
N:Ni PLATING
⚠CONTACT AREA PLATING SPEC
01:Au G/F
05:Au 5u"
10:Au 10u"
15:Au 15u"
20:Au 20u"
30:Au 30u"
PACKING
P:TAPE REEL
(NORMAL DIRECTION)
S:TAPE REEL
(REVERSE DIRECTION)
HOUSING COLOR
0:BLACK
(0 NUMBER ZERO)
CENTER HEIGHT
0:CH=0.47mm
(0 NUMBER ZERO)

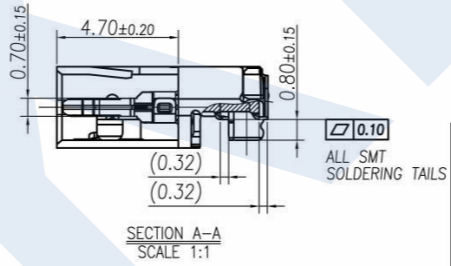












DIMENSION IN mm [Inch]		PROD. SPEC. SP-UCXXXXX
TOLERANCE UNLESS OTHERWISE SPECIFIED		PKG. SPEC. PK-UCF3M-XXX
.X±0.35	X.°± 1°	APR. Kevin 2019.06.18
.XX±0.25	.X°±	CHK. Andy 2019.06.18
.XXX±	.XX°±	DRA. Michael 2019.06.18

KKG

TITLE: USB Type-C Receptacle Connector (Mid Mount, Dual-Row SMT)

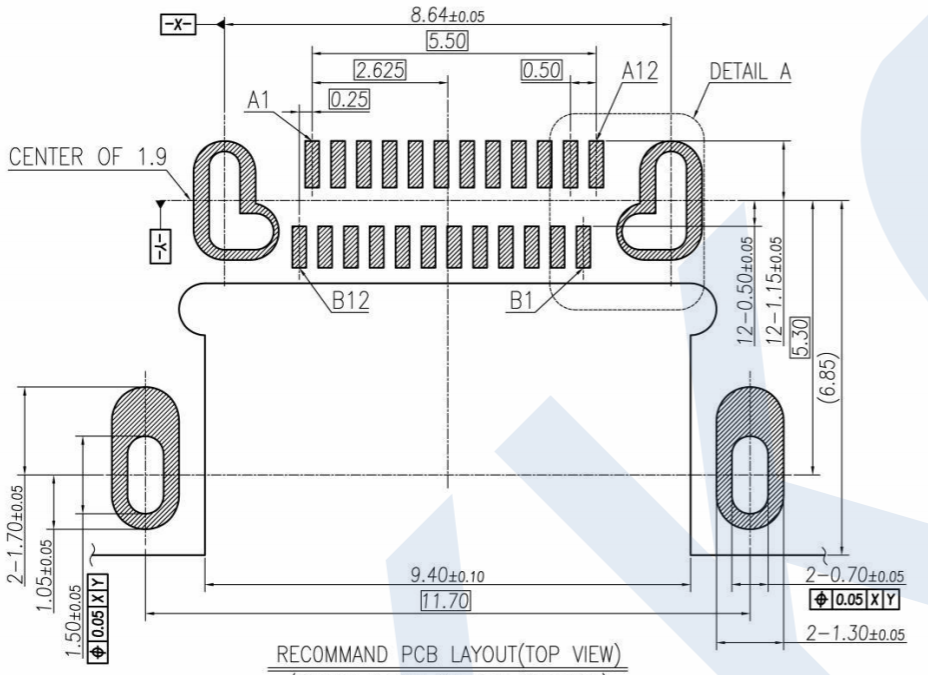
FILE NO. N/A | DWG NO. UCF3M-62NXX-XX00

PROJ. | CUSTOMER DRAWING

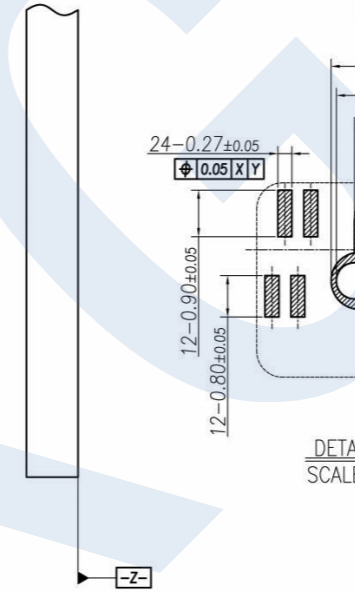
SIZE A4 | SCALE 1:1 | SHEET 1/2 | REV. XD | C

RD-102-15-01

REV.	MODIFICATION	DATE	DRAW
XB	MODIF SHELL	2018.06.07	Michael
XC	MODIF SHELL	2018.08.05	Michael
XD	ECR-2019001	2019.06.18	Michael



RECOMMAND PCB LAYOUT(TOP VIEW)
(DATUM Z:PCB SOLDER SURFACE)
(DEFAULT TOLERANCE:±0.05mm)
SCALE 2:1



DETAIL A
SCALE 2:1

TABLE 1:CONNECTOR PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
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

DIMENSION IN mm [Inch]		PROD. SPEC. SP-UCXXXXX
TOLERANCE UNLESS OTHERWISE SPECIFIED		PKG. SPEC. PK-UCF3M-XXX
.X±0.35	X.°± 1°	APR. Kevin 2019.06.18
.XX±0.25	.X°±	CHK. Andy 2019.06.18
.XXX±	.XX°±	DRA. Michael 2019.06.18

KKG

TITLE: USB Type-C Receptacle Connector (Mid Mount, Dual-Row SMT)

FILE NO. N/A | DWG NO. UCF3M-62NXX-XX00

PROJ. | CUSTOMER DRAWING

SIZE A4 | SCALE 1:1 | SHEET 2/2 | REV. XD | C

RD-102-15-01