

REV	EC No.	DESCRIPTION	Symbol	DATE
A	/	new release	/	Dec. 12, 2020



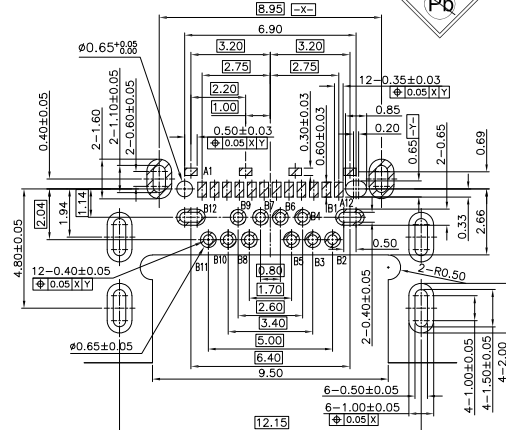
- NOTES:
- MATERIAL:
 - OUTSIDE SHELL: SUS301-1/2H T=0.20mm
 - INNER SHELL: SUS301-1/2H T=0.20mm
 - SIGNAL: SUS301-H T=0.10mm
 - RFI PAD: SUS301-H T=0.10mm
 - HOUSING: LCP+30%G.F. UL94 V-0 BLACK
 - TERMINAL: COPPER ALLOY T=0.10mm
 - PLATING SPECIFICATION
 - TERMINAL: SEE P/N
 - SHELL: NICKEL PLATED 60u"MIN.
 - MECHANICAL PERFORMANCE
 - INSERTION FORCE: 5N~20N.
 - WITHDRAWAL FORCE: INITIAL 8N~20N AFTER 1000 MATING CYCLES 6N~20N.
 - DURABILITY: 10000 CYCLES.
 - ELECTRICAL PERFORMANCE
 - CURRENT RATING: 3A.
 - LLCR: CONTACT: 40 mΩ MAX(INITIAL).
 - INSULATION RESISTANCE: UNMATED: 100 MΩ MIN.
 - DIELECTRIC WITHSTAND VOLTAGE: 100V AC.
 - IR REFLOW:

THE PEAK TEMPERATURE ON BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260±5°C.
 - OPERATING TEMPERATURE RANGE: -55°C~85°C.
 - RoHS COMPLIANT OR HALOGEN FREE COMPLIANT.
 - GOLD FLASH ON MATING AREA, MATTE Sn 80~150u" ON SOLDERING AREA, 80~150u" NICKEL UNDER PLATING OVERALL

USB TYPE-C 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

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DIMENSION UNITS	TOLERANCE		
MM	X±0.50 .XX±0.25 .X±0.35 .XXX±0.15	PART NAME USB TYPE C RECEPTACLES MID-MOUNT TYPE	
DRWN:Robert	Dec.12,2020	PART NUMBER	REVISION
CHK'D:Yuri	Dec.12,2020	CMUCF661018	A
APPR:Linda	Dec.12,2020	CUSTOMER	SHEET NUMBER
THIRD ANGLE PROJECTION	CUSTOMER P/N	GENERAL MARKET	1 OF 1



RECOMMENDED PCB LAYOUT (TOP VIEW)
(TOLERANCE=±0.05mm)

