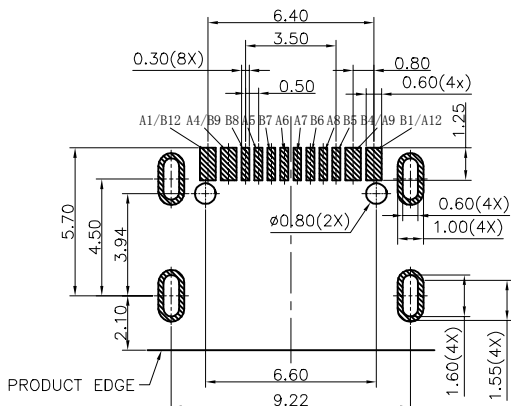
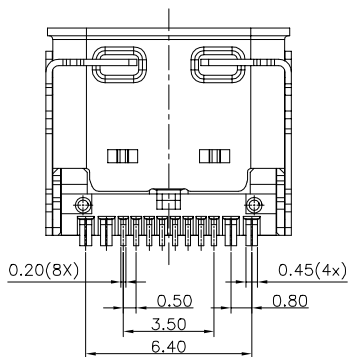
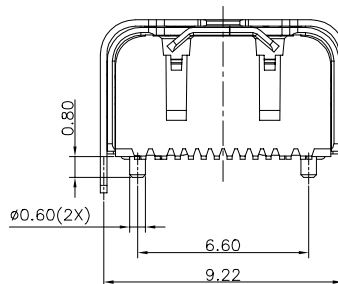
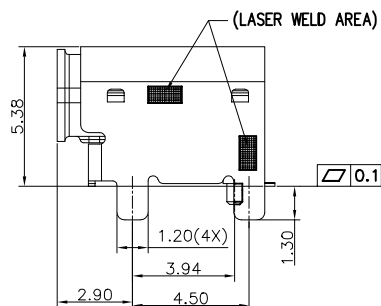
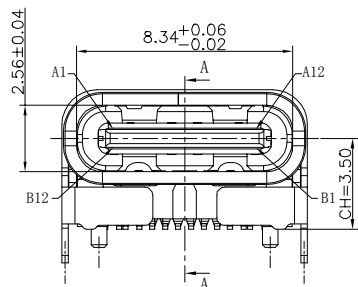


SECTION A-A
SCALE 1:1

NOTE:
 1.MATERIAL SPECIFICATION:
 1-1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
 1-2.TERMINAL: COPPER ALLOY
 1-3.MID PLATE: STAINLESS STEEL(SUS301 T=0.15mm)
 1-4.FRONT SHELL: STAINLESS STEEL(SUS304 T=0.3mm)
 2.PLATING SPECIFICATION:
 2-1.TERMINAL:
 Ni 50u" MIN. UNDER PLATED OVER ALL.
 Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
 (GOLD PLATING THICKNESS FOLLOW THE P/N)
 PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
 2-2.FRONT SHELL:
 Ni 30u" MIN. UNDER PLATED OVER ALL.
 2-3.MID PLATE
 CLEAR ONLY
 3.MECHANICAL PERFORMANCE,
 3-1.INSERTION FORCE: 0.5~2.0kgf.
 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
 3-3.DURABILITY: 10000 CYCLES.
 4.ELECTRICAL PERFORMANCE,
 4-1. VOLTAGE RATING:5 V DC/AC (RMS. max)
 CURRENT RATING:5 AMPS. FOR TOTAL VBUS/GND PINS;
 1.25AMPS FOR CC PIN,0.25 AMPS. FOR ALL OTHER CONTACT.
 4-2. LLCR:.
 VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
 SHIELD: 50mΩ/MAX.
 LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 4-3.INSULATION RESISTANCE: 100MΩ MIN
 4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
 5. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.
 6.IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
 BE MAINTAINED FOR 10 SECONDS AT 260°C.
 7. PART NUMBER CODE:



RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)
 TOLERANCE FOR PCB LAYOUT IS ±0.05

USB TYPE C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SUB2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

CF216-007 S X X XX X - 02
 X X XX X - 02
 PACKING OPTIONS
 R:卷装(常用料)
 CONTACTS PLATED:
 12:接触镀金3u"其它GF
 HOUSING COLOR:
 B:BLACK
 HOUSING MATERIAL:
 L:LCP

PART NO.:

SEE THE PART NUMBER CODE

GOLDCONN TECHNOLOGIES COMPANY LIMITED

DRAWN BY SAM DATE 2022.01.23

QUALITY SYMBOL	0	GENERAL TOLERANCES (UNLESS SPECIFIED)
	x.xxxx	± ---
	x.xxx	± 0.10
	x.xx	± 0.20
	x.x	± 0.30
ANGULAR	± ---°	

TITLE	TYPE C 16P母座 单排SMT 高款CH=3.5	
DWG.NO.	CF216-007-02	SHEET NO. 1 OF 1
DIMENSION STYLE	MM ONLY	DESIGN UNITS METRIC
SCALE	1:1	

CHECKED BY JAY DATE 2022.01.23
 APPROVED BY JACKY DATE 2022.01.23

