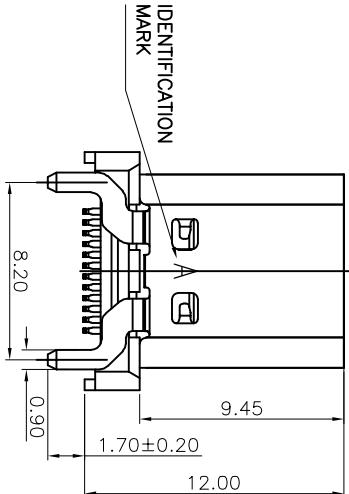


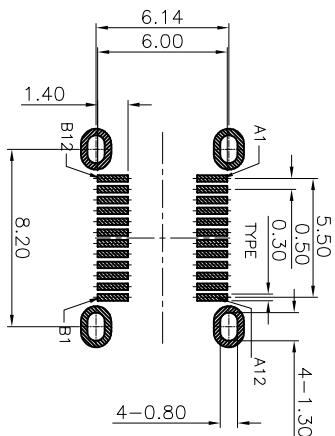
## NOTE:

1. Contact Resistance: 40mΩ Max.;
2. Dielectric Withstanding Voltage: 100V AC For 1 Minute;
3. Insulation Resistance: 100M Ω Min.;
4. Mating And Unmating Force: Mating Force: 5~20N Unmating Force: 8~20N; 6~20N AFTER TEST;
5. Durability: 10000 Cycles;



**RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)**

**TOLERANCE FOR PCB LAYOUT IS  $\pm 0.05$**



USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSR4p1	B11	SSR4p1
A3	SSR5n1	B10	SSR5n1
A4	Vbus	B9	Vbus
A5	CCI	B8	SBK2
A6	Dp1	B7	Dp2
A7	Dn1	B6	Dn2
A8	SBU1	B5	CC2
A9	Vbus	B4	Vbus
A10	SSR4n2	B3	SSR4n2
A11	SSR5p2	B2	SSR5p2
A12	GND	B1	GND

ITEM	TITLE	MATERIAL	DISPOSE	Q'TY	TOLERANCE	NAME(INTENDED USE)	CUSTOMER DRAWING
1	Shell	SUS304	Ni:30μ Min.	1PCS	X.X ±0.30	X.° ±10°	PART NO.
2	GND Plate	SUS301		2PCS	XX ±0.20	X.° ±8°	FY23-31TC24F412-01
3	Mid Plate	SUS301		1PCS	XXX ±0.10	XX.° ±5°	
4	Contact	C7025	Mating Area: Gold Solder Tails: Matt Tin	2PCS	UNITS	DESIGN: ZXW	DRAWN NO. FY23-31TC24F412-01
5	Insert/Molding	LCP E6808	UL 94V-0 Black	1PCS	mm	MATERIAL: -----	
6	COVER	LCP E6808	UL 94V-0 Black	1PCS	-----	FINISH: -----	

ITEM	TITLE	MATERIAL	DISPOSE	Q'TY	TOLERANCE	NAME(INTENDED USE)	CUSTOMER DRAWING
1	Shell	SUS304	Ni:30μ Min.	1PCS	X.X ±0.30	X.° ±10°	PART NO.
2	GND Plate	SUS301		2PCS	XX ±0.20	X.° ±8°	FY23-31TC24F412-01
3	Mid Plate	SUS301		1PCS	XXX ±0.10	XX.° ±5°	
4	Contact	C7025	Mating Area: Gold Solder Tails: Matt Tin	2PCS	UNITS	DESIGN: ZXW	DRAWN NO. FY23-31TC24F412-01
5	Insert/Molding	LCP E6808	UL 94V-0 Black	1PCS	mm	MATERIAL: -----	
6	COVER	LCP E6808	UL 94V-0 Black	1PCS	-----	FINISH: -----	

ITEM	TITLE	MATERIAL	DISPOSE	Q'TY	TOLERANCE	NAME(INTENDED USE)	CUSTOMER DRAWING
1	Shell	SUS304	Ni:30μ Min.	1PCS	X.X ±0.30	X.° ±10°	PART NO.
2	GND Plate	SUS301		2PCS	XX ±0.20	X.° ±8°	FY23-31TC24F412-01
3	Mid Plate	SUS301		1PCS	XXX ±0.10	XX.° ±5°	
4	Contact	C7025	Mating Area: Gold Solder Tails: Matt Tin	2PCS	UNITS	DESIGN: ZXW	DRAWN NO. FY23-31TC24F412-01
5	Insert/Molding	LCP E6808	UL 94V-0 Black	1PCS	mm	MATERIAL: -----	
6	COVER	LCP E6808	UL 94V-0 Black	1PCS	-----	FINISH: -----	

ITEM	TITLE	MATERIAL	DISPOSE	Q'TY	TOLERANCE	NAME(INTENDED USE)	CUSTOMER DRAWING
1	Shell	SUS304	Ni:30μ Min.	1PCS	X.X ±0.30	X.° ±10°	PART NO.
2	GND Plate	SUS301		2PCS	XX ±0.20	X.° ±8°	FY23-31TC24F412-01
3	Mid Plate	SUS301		1PCS	XXX ±0.10	XX.° ±5°	
4	Contact	C7025	Mating Area: Gold Solder Tails: Matt Tin	2PCS	UNITS	DESIGN: ZXW	DRAWN NO. FY23-31TC24F412-01
5	Insert/Molding	LCP E6808	UL 94V-0 Black	1PCS	mm	MATERIAL: -----	
6	COVER	LCP E6808	UL 94V-0 Black	1PCS	-----	FINISH: -----	

ITEM	TITLE	MATERIAL	DISPOSE	Q'TY	TOLERANCE	NAME(INTENDED USE)	CUSTOMER DRAWING
1	Shell	SUS304	Ni:30μ Min.	1PCS	X.X ±0.30	X.° ±10°	PART NO.
2	GND Plate	SUS301		2PCS	XX ±0.20	X.° ±8°	FY23-31TC24F412-01
3	Mid Plate	SUS301		1PCS	XXX ±0.10	XX.° ±5°	
4	Contact	C7025	Mating Area: Gold Solder Tails: Matt Tin	2PCS	UNITS	DESIGN: ZXW	DRAWN NO. FY23-31TC24F412-01
5	Insert/Molding	LCP E6808	UL 94V-0 Black	1PCS	mm	MATERIAL: -----	
6	COVER	LCP E6808	UL 94V-0 Black	1PCS	-----	FINISH: -----	

ITEM	TITLE	MATERIAL	DISPOSE	Q'TY	TOLERANCE	NAME(INTENDED USE)	CUSTOMER DRAWING
1	Shell	SUS304	Ni:30μ Min.	1PCS	X.X ±0.30	X.° ±10°	PART NO.
2	GND Plate	SUS301		2PCS	XX ±0.20	X.° ±8°	FY23-31TC24F412-01
3	Mid Plate	SUS301		1PCS	XXX ±0.10	XX.° ±5°	
4	Contact	C7025	Mating Area: Gold Solder Tails: Matt Tin	2PCS	UNITS	DESIGN: ZXW	DRAWN NO. FY23-31TC24F412-01
5	Insert/Molding	LCP E6808	UL 94V-0 Black	1PCS	mm	MATERIAL: -----	
6	COVER	LCP E6808	UL 94V-0 Black	1PCS	-----	FINISH: -----	

ITEM	TITLE	MATERIAL	DISPOSE	Q'TY	TOLERANCE	NAME(INTENDED USE)	CUSTOMER DRAWING
1	Shell	SUS304	Ni:30μ Min.	1PCS	X.X ±0.30	X.° ±10°	PART NO.
2	GND Plate	SUS301		2PCS	XX ±0.20	X.° ±8°	FY23-31TC24F412-01
3	Mid Plate	SUS301		1PCS	XXX ±0.10	XX.° ±5°	
4	Contact	C7025	Mating Area: Gold Solder Tails: Matt Tin	2PCS	UNITS	DESIGN: ZXW	DRAWN NO. FY23-31TC24F412-01
5	Insert/Molding	LCP E6808	UL 94V-0 Black	1PCS	mm	MATERIAL: -----	
6	COVER	LCP E6808	UL 94V-0 Black	1PCS	-----	FINISH: -----	

ITEM	TITLE	MATERIAL	DISPOSE	Q'TY	TOLERANCE	NAME(INTENDED USE)	CUSTOMER DRAWING
1	Shell	SUS304	Ni:30μ Min.	1PCS	X.X ±0.30	X.° ±10°	PART NO.
2	GND Plate	SUS301		2PCS	XX ±0.20	X.° ±8°	FY23-31TC24F412-01
3	Mid Plate	SUS301		1PCS	XXX ±0.10	XX.° ±5°	
4	Contact	C7025	Mating Area: Gold Solder Tails: Matt Tin	2PCS	UNITS	DESIGN: ZXW	DRAWN NO. FY23-31TC24F412-01
5	Insert/Molding	LCP E6808	UL 94V-0 Black	1PCS	mm	MATERIAL: -----	
6	COVER	LCP E6808	UL 94V-0 Black	1PCS	-----	FINISH: -----	

ITEM	TITLE	MATERIAL	DISPOSE	Q'TY	TOLERANCE	NAME(INTENDED USE)	CUSTOMER DRAWING
1	Shell	SUS304	Ni:30μ Min.	1PCS	X.X ±0.30	X.° ±10°	PART NO.
2	GND Plate	SUS301		2PCS	XX ±0.20	X.° ±8°	FY23-31TC24F412-01
3	Mid Plate	SUS301		1PCS	XXX ±0.10	XX.° ±5°	
4	Contact	C7025	Mating Area: Gold Solder Tails: Matt Tin	2PCS	UNITS	DESIGN: ZXW	DRAWN NO. FY23-31TC24F412-01
5	Insert/Molding	LCP E6808	UL 94V-0 Black	1PCS	mm	MATERIAL: -----	
6	COVER	LCP E6808	UL 94V-0 Black	1PCS	-----	FINISH: -----	

ITEM	TITLE	MATERIAL	DISPOSE	Q'TY	TOLERANCE	NAME(INTENDED USE)	CUSTOMER DRAWING
1	Shell	SUS304	Ni:30μ Min.	1PCS	X.X ±0.30	X.° ±10°	PART NO.
2	GND Plate	SUS301		2PCS	XX ±0.20	X.° ±8°	FY23-31TC24F412-01
3	Mid Plate	SUS301		1PCS	XXX ±0.10	XX.° ±5°	
4	Contact	C7025	Mating Area: Gold Solder Tails: Matt Tin	2PCS	UNITS	DESIGN: ZXW	DRAWN NO. FY23-31TC24F412-01
5	Insert/Molding	LCP E6808	UL 94V-0 Black	1PCS	mm	MATERIAL: -----	
6	COVER	LCP E6808	UL 94V-0 Black	1PCS	-----	FINISH: -----	

ITEM	TITLE	MATERIAL	DISPOSE	Q'TY	TOLERANCE	NAME(INTENDED USE)	CUSTOMER DRAWING
1	Shell	SUS304	Ni:30μ Min.	1PCS	X.X ±0.30	X.° ±10°	PART NO.
2	GND Plate	SUS301		2PCS	XX ±0.20	X.° ±8°	FY23-31TC24F412-01
3	Mid Plate	SUS301		1PCS	XXX ±0.10	XX.° ±5°	
4	Contact	C7025	Mating Area: Gold Solder Tails: Matt Tin	2PCS	UNITS	DESIGN: ZXW	DRAWN NO. FY23-31TC24F412-01
5	Insert/Molding	LCP E6808	UL 94V-0 Black	1PCS	mm	MATERIAL: -----	
6	COVER	LCP E6808	UL 94V-0 Black	1PCS	-----	FINISH: -----	

ITEM	TITLE	MATERIAL	DISPOSE	Q'TY	TOLERANCE	NAME(INTENDED USE)	CUSTOMER DRAWING
1	Shell	SUS304	Ni:30μ Min.	1PCS	X.X ±0.30	X.° ±10°	PART NO.
2	GND Plate	SUS301		2PCS	XX ±0.20	X.° ±8°	FY23-31TC24F412-01
3	Mid Plate	SUS301		1PCS	XXX ±0.10	XX.° ±5°	
4	Contact	C7025	Mating Area: Gold Solder Tails: Matt Tin	2PCS	UNITS	DESIGN: ZXW	DRAWN NO. FY23-31TC24F412-01
5	Insert/Molding	LCP E6808	UL 94V-0 Black	1PCS</td			