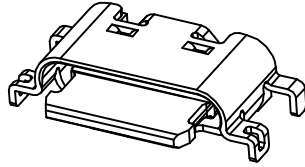
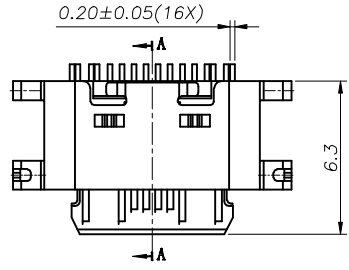


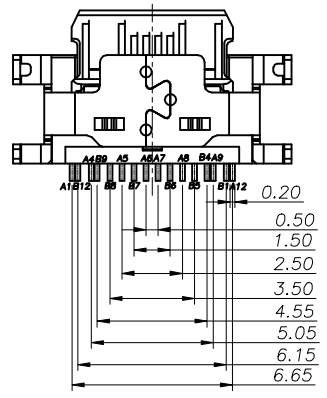
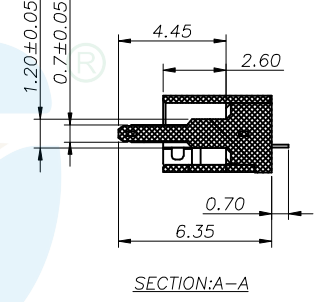
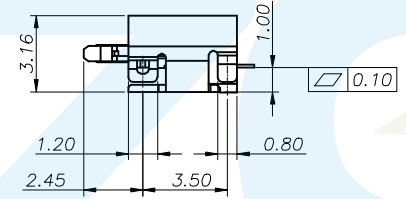
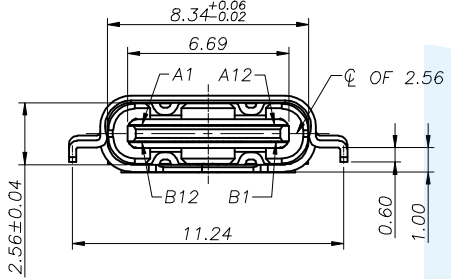
RoHS  
Compliant

ZONE	EC N.O.	DESCRIPTION	DRAWING	DATE
A		INITIAL	林生财	2020.02.18

NOTES:  
 1. MECHANICAL PERFORMANCE,  
 1-1. INSERTION FORCE: 0.5~2.0kgf.  
 1-2. REMOVAL FORCE: 0.8kgf~2.0kgf.  
 1-3. DURABILITY: 10000 CYCLES.  
 2. ELECTRICAL PERFORMANCE,  
 2-1. CURRENT RATING: 5.0A  
 VOLTAGE RATING: 5.0V  
 2-2. LLCR:  
 VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.  
 SHIELD: 50mΩ/MAX.  
 LLCR MAX. CHANGE OF ALL PINS: 10mΩ.  
 2-3. INSULATION RESISTANCE: 100MΩ MIN  
 2-4. DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.  
 3. ENVIRONMENTAL PERFORMANCE:  
 OPERATING TEMPERATURE: -25°C~+85°C.  
 4. IR REFLOW: THE PEAK TEMPERATURE ON THE BOARD SHALL  
 BE MAINTAINED FOR 10 SECONDS AT 260°C.



3D VIEW



NO.	DESCRIPTION	MATERIAL	REMARKS	QTY
4	FRONT SHELL	STAINLESS STEEL	CLEAR ONLY	1
3	MID PLATE	STAINLESS STEEL	Ni 30u" MIN. UNDER PLATED OVER ALL.	1
2	CONTACT	COPPER ALLOY	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	16
1	HOUSING	HIGH TEMPERATURE PLASTIC	COLOR BLACK	1

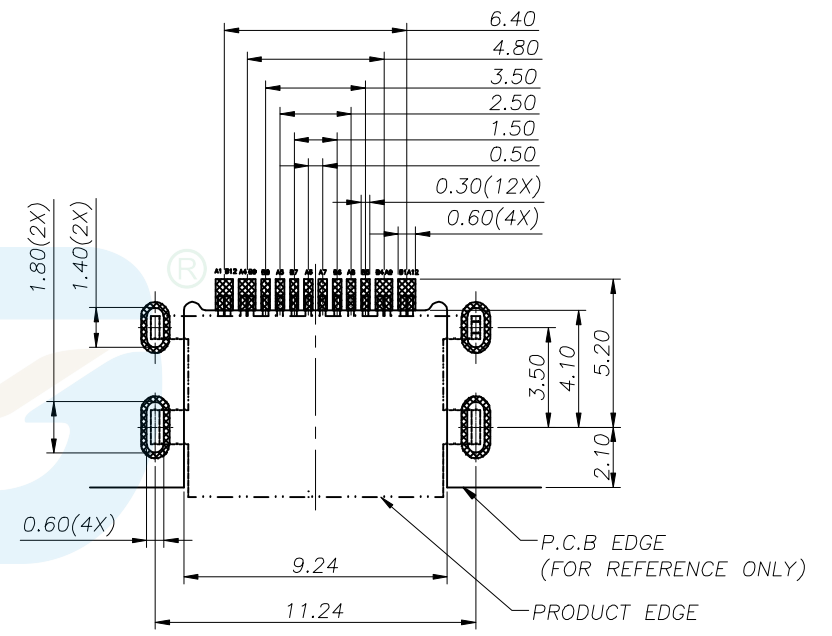
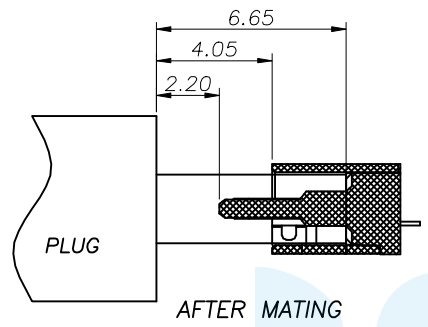
**LZG** LZG INDUSTRIAL CO. LTD

PART NAME	TYPE C 16PIN	TOLERANCE UNLESS	0.0±0.3	0.°±2°	UNIT: mm
PART NO.	ZB48050-16FSBAP-A	OTHERWISE SPECIFIED:	0.00±0.2	0.0°±1°	
			0.000±0.1	0.00°±0.5°	

DRAWING:	林生财	DATE:	2020.02.18	SCALE	1:1
CHECK:	李宏鑫	DATE:	2020.02.18	MATERIAL	*
APPROVAL:	杨进宝	DATE:	2020.02.18	DWG. NO.	
DRAWING NO.	ZB48050-16FSBAP-A			SHEET	1/2

**RoHS**  
Compliant

ZONE	ECN.N.O.	DESCRIPTION	DRAWING	DATE
A		INITIAL	林生財	2020.02.18



USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
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

RECOMMENDED PCB LAYOUT(TOP VIEW)  
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05



LZG INDUSTRIAL CO. LTD

PART NAME	TYPE C 16PIN	TOLERANCE UNLESS	0.0±0.3	0.±2°	UNIT:
PART NO.	ZB48050-16FSBAP-A	OTHERWISE SPECIFIED:	0.00±0.2 0.000±0.1	0.0°±1° 0.00°±0.5°	

DRAWING:	林生財	DATE:	2020.02.18	SCALE:	1:1
CHECK:	李宏鑫	DATE:	2020.02.18	MATERIAL:	*
APPROVAL:	楊進宝	DATE:	2020.02.18	DWG. NO.:	
DRAWING NO.:	ZB48050-16FSBAP-A			SHEET:	2/2