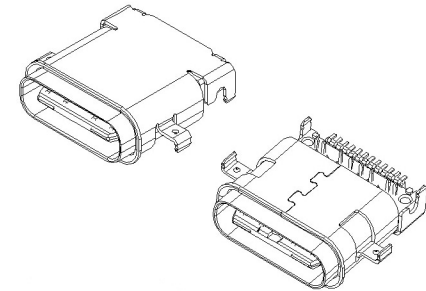


PIN DEFINE TABLE			
PIN	SIGNAL	PIN	SIGNAL
A12	GND	B1	GND
A11	RX2+	B2	TX2+
A10	RX2-	B3	TX2-
A9	VBUS	B4	VBUS
A8	SBU1	B5	VCONN
A7	D-	B6	
A6	D+	B7	
A5	CC	B8	SBU2
A4	VBUS	B9	VBUS
A3	TX1-	B10	RX1-
A2	TX1+	B11	RX1+
A1	GND	B12	GND



Material
Housing Material: High temperature thermoplastic
Contact Terminal: High Grade Copper Alloy
Metallic Shell: Stainless Steel
Cover Shell: Iron
Inner Ground Cover Shell: Stainless Steel
Mid Plate: Stainless Steel
Plating
Data Contact
Underplating: 50µ" Min. Nickel
Contact Plating: 1µ" Gold
Solder Area: 80µ" Matte Tin
Shell
Metallic Shell: 50µ" Min. Nickel
Cover Shell
Metallic Shell: 80µ" Min. Nickel
Inner Ground Cover Shell
Metallic Shell: 50µ" Min. Nickel
Electrical
Voltage Rating: 20V DC
Current Rating: Vbus pins collectively 5.00A, GND pins collectively 6.25A, B5 pin 1.25A, Other pins 0.25A per pin.
Contact Resistance: 40mΩ Max.
Insulation resistance: 100 MΩ/Minute
Dielectric withstanding voltage: 100V AC/Minute
Mechanical
Durability: 10,000 cycles
Mating Force: 5 to 20N
Unmating Force: 8 to 20N (post test)

MARK	DESCRIPTION	REVISIONS	DATE	REVISED	APPROVED	ANGULAR	±5°	DSND	DATE	SCALE: N/A	MODEL TYPE:		
											3.1 TYPE C		
△x						L ≤ 4	±0.2	DWN	DATE	VIEW:	PART NO.:		
△x						4 < L ≤ 16	±0.3	CHKD	DATE	UNIT: mm	DWG NO.:		
△x						16 < L ≤ 63	±0.4	APPD	DATE	SIZE: A4	USB3.1-TYPE-C-FSABC		
						L > 63	±0.5				WEIGHT	SHEET	REVISION
						UNSPECIFIED TOLERANCES					1.0g	1/1	A0

Kosod Technology Co., Ltd.

www.bodongkaiguan.net www.ksdkg.com