



SPECIFICATIONS:
 Contact current Rating:
 1.8 Amperes for pin1&pin4,
 0.25 Amperes other contacts
 Dielectric Withstanding Voltage:AC 100V(RMS)
 Insulation resistance:100Megaohms Minimum.
 Contact Resistance:
 30mΩ Max for pin1&pin4
 50mΩMax for other contacts
 Mechanical Characteristics:
 Mating Force:35 Newtons Maximum
 Unmating Force:10 Newtons Minimum.
MATERIAL:
 Housing: LCP+30%GF 94V-0 COLOR:BLUE
 Contact: copper alloy(T=0.25mm)
 Shell: SPCC

PLATING:
 Contact: Au Plated on contact area
 Tin Plated on solder area
 Nickel underplating over all
 operating Temperature:-55°to+85°

Pin #	SIGNAL NAME	DESCRIPTION	MATING SEQUENCE
1	VBUS	POWER	SECOND
2	D-	USB 2.0 DIFFERENTIAL PAIR	THIRD
3	D+	DIFFERENTIAL PAIR	THIRD
4	GND	GROUND FOR POWER RETURN	SECOND
5	SDA_SSRX-	SUPERSEED RECEIVER DIFFERENTIAL PAIR	LAST
6	SDA_SSRX+	GROUND FOR SIGNAL RETURN	
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	SDA_SSTX-	SUPERSEED TRANSMITTER DIFFERENTIAL PAIR	
9	SDA_SSTX+	DIFFERENTIAL PAIR	
Shell	Shield	CONNECTOR METAL SHELL	FIRST

MARK	DESCRIPTION	DATE	REVISED	APPROVED	UNSPECIFIED TOLERANCES	DSND	SCALE: N/A	MODEL TYPE:
ΔX					ANGULAR	DWN	VIEW	USB 3.0
ΔX					L ≤ 4	CHKD	UNIT: mm	
ΔX					4 < L ≤ 16	APPD	SIZE: A4	
ΔX					16 < L ≤ 63			
MARK					L > 63			
REVISIONS						XKB INDUSTRIAL PRECISION CO., LIMITED		
www.xk-dg.cn						PART NO.:		
www.helloxkb.com						DWG NO.:		
www.hellokkk.cn						WEIGHT		
						SHEET		
						REVISION		
						A0		