



ELECTRICAL CHARACTERISTICS:
 30V DC/AC 1A MAX
 CONTACT RESISTANCE: 30mΩ MAX
 INSULATION RESISTANCE:
 100MΩ MIN, AT 500V DC,
 30V DC/AC 1A MAX.
 DIELECTRIC STRENGTH:
 750V AC/1 MINUTE,
 INSERTION FORCE: 3.6KgF MAX
 WITHDRAWAL: 1.0KgF MIN

REFERENCE PCB LAYOUT

USB3.0 Standard-A Connector Pin Assignments

Pin Number	Signal Name	Description	Mating Sequence
1	VBUS	Power	Second
2	D-	USB 2.0 differential pair	Third
3	D+		
4	GND	Ground for power return	Second
5	Stda_SSRX-	SuperSpeed receiver differential pair	Last
6	Stda_SSRX+		
7	GND_DMATAIN	Ground for signal return	
8	Stda_SSTX-	SuperSpeed transmitter differential pair	
9	Stda_SSTX+		
Shell	Shield	Connector metal shell	

NO.	DESCRIPTION	MATERIAL	COLOR	REMARK
3	Shell	SPCC / Brass		Ni Plated
2	Terminal	Copper Alloy		Gold/Tin Plated
1	Housing	PBT	White	UL 94V-0

CSCCONN

CSCCONN PRECISE ELECTRONICS CO.,LTD

UNITS: mm	
GENERAL TOLERANCE	
X. ° ±5°	0. X ±0.25
X. 1 ±2°	0. XX ±0.2
XX. ±1°	0. XXX ±0.1

PART NO.(INTENDED USE)
 CUS30161501001

TITLE: USB 3.0 AF 9P DIP90

APPD: DWG NO. USB



SCALE 1:1

SHEET 1 OF 1

REV A

CHKD: Skila

DR: Kitty