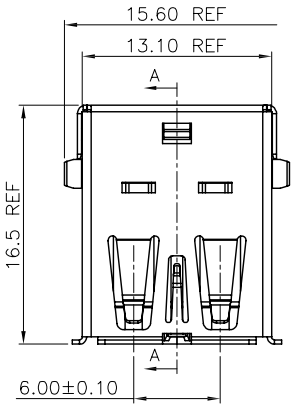
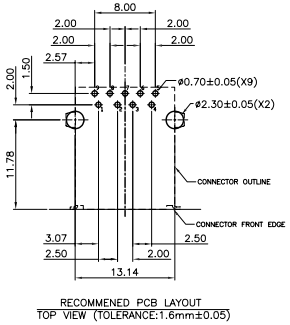
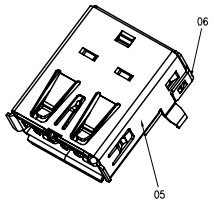




RECOMMENED PCB LAYOUT
TOP VIEW (TOLERANCE:1.6mm±0.05)



Specifications

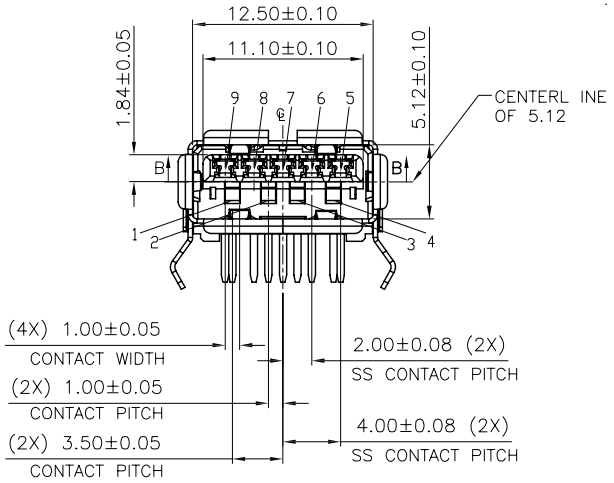
Current Rating: 1.8 Ampere Maximum for Pin1 and pin4 ,0.25A for all the other pins
Voltage Rating:30 V
Dielectric Withstanding Voltage: 100V AC
Insulation Resistance: 100MΩ Min.
Contact Resistance: 30m ΩMax.
Operating tempreture:−25°C~85°C

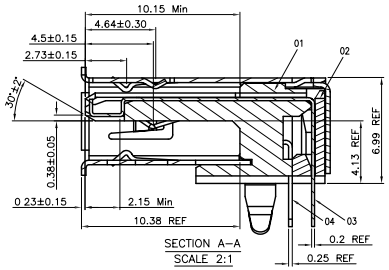
Mechanical:

Mating:35N Max
Withdrawal: 10N Min
Durability:1500 Cycles Min

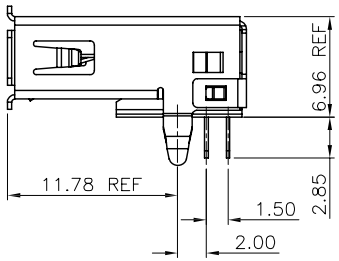
Materials

Housing: PBT+30%GF UL94V−0,Blue
Cover: PBT Blue
Shell: Copper Alloy
Contact: Copper Alloy
All materials must meet Greenconn requirement for environment protection





SECTION A−A
SCALE 2:1



06	AFTER SHELL	1	COPPER ALLOY	NICKEL PLATING	Ni:50u"min
05	FRONT SHELL	1	COPPER ALLOY	NICKEL PLATING	Ni:50u"min
04	SHORT CONTACT	4	COPPER ALLOY	CONTACT AREA GOLD PLATING OVER NICKEL TERMINAL AREA TIN PLATING OVER NICKEL	CONTACT AREA Au 30u" SOLDERTAILS AREA Sn 80u"
03	LENGTH CONTACT	5	COPPER ALLOY	CONTACT AREA GOLD PLATING OVER NICKEL TERMINAL AREA TIN PLATING OVER NICKEL	CONTACT AREA Au 30u" SOLDERTAILS AREA Sn 80u"
02	COVER	1	HEAT RESISTING PLASTICS	———	UL94V−0 COLOR:BULE
01	INSULATOR	1	HEAT RESISTING PLASTICS	———	UL94V−0 COLOR:BULE
NO	DESCRIPION	QTY	MATERIAL	FINISH	REMARKS

Ordering Information

U3AFR − X 1 X

Standard Plating
9=Gold 30u"/Tin
5=Gold 15u"/Tin

COLOR
B=Blue

GENERAL TOLERANCE		ANGLE TOLERANCE	
X.	±	X°.	±5°
.X	±0.38	.X°	±2°
.XX	±0.25	.XX°	±1°
.XXX	±0.13	.XXX°	±0.5°
UNIT:mm		SCALE	1:1
A4		SHEET: 1 of 1	

DESIGN	DATE
Andy	2009. 08. 12
CHECK	DATE
APPRO.	DATE

ELETE TECHNOLOGY CO., LTD
億洡得股份有限公司

FILE NAME (品名)	USB 3.0 A type R/A	
PART NO (料号)	U3AFR−X1X	
DRAWING NO.(图号)	U3AFR−01	REV.AO