

**NOTES:**

**\*e SATA Material**

Housing: Nylon 66+30%G.F., UL 94V-0 Rated  
 Contact: Brass, Gold plating on contact area, Tin 100u" min. plating on solder tail, Nickel 40u" min. underplating overall.

Shell: SUS 304

**\*e SATA Electrical Specification**

Operation Voltage: 12V AC/DC.  
 Current Rating: 1.5 Ampere per contact  
 Contact Resistance: 30m ohms max.  
 Insulation Resistance: 1000M ohms min.  
 Dielectric Withstanding Voltage: 500VAC.

**\*USB Material**

Housing: PBT+30%G.F., UL 94V-0 Rated  
 Retainer: Nylon 66+30%G.F., UL 94V-0 Rated  
 Contact: Phosphor bronze, Gold plating on contact area, Tin 100u" min. plating on solder tail, Nickel 40u" min. underplating overall.

Shell(Outside): SUS 430, Tin 60u" min. plating on nickel area, Nickel 10u" min. underplating on solder tail.

Shell(Inside): SUS 304

**\*USB Electrical Specification**

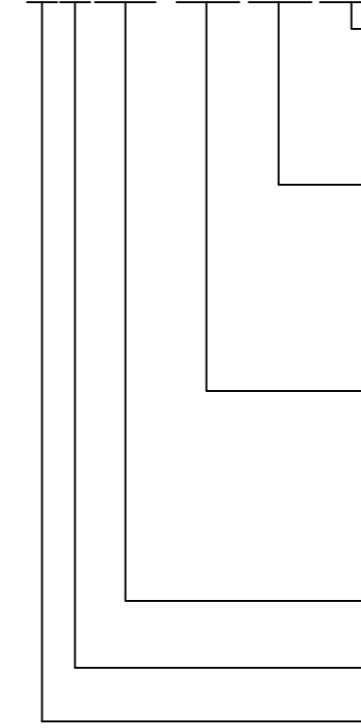
Rated Current: 1.5A.  
 Rated Voltage: 30V rms max.  
 Contact Resistance: 30m ohms max.  
 Insulation Resistance: 1000M ohms min. At 500V DC.  
 Dielectric Withstanding Voltage: 500V AC For 1 minute.

**\*Environmental**

Operating Temperature : -55°c to +85°c.

**ORDER INFORMATION:**

USB-AR116-XX-XX-XX



Dim A  
 01: 2.15mm  
 02: 3.10mm  
**CONTACT PLATING**  
 01: Gold Flash  
 02: 15u"  
 03: 30u"  
**BODY COLOR**  
 01: Black(USB) + Yellow(e SATA)  
 02: Black(USB) + Red(e SATA)  
 03: Black(USB) + Black(e SATA)  
**Double USB+eSATA DIP**  
 Receptacle  
 A-Type

				TOLERANCE		 <small>7F, No. 191, Sec. 2          Chung-Yang Rd.,          Tu-Cheng City          Taipei Hsien, Taiwan</small>		TITLE: Double USB + eSATA DIP				
				LINEAR	ANGLES			PART NO.	USB-AR116-XX-XX-XX			
D	UPDATED DIMENSION	Jeff	05/23/11'			APPD:	MAT'L:	DWG NO.	SC-20121			
C	UPDATED DRAWING AND NOTES	Jeff	05/06/11'	X.±	X°.±	CHKD:	FINISH:		UNITS	SCALE	SHEET	REV
B	Correct DWG NO. to SC-20121	Kevin	02/20/09'	.X±0.38	.X°.±	DRWN: Kevin	Q'TY:		MM	NONE	1 OF 1	D
A	ISSUED	Kevin	12/28/06'	.XX±0.25	.XX°.±							
REV	ECN NO.	NAME	DATE	.XXX±0.20	.XXX°.±							