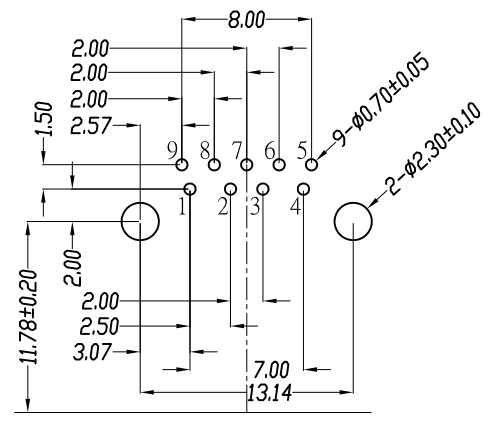


**Specification**  
 \*Contact Resistance: The pin1,4: mated plug connectors,30 m ohm max.  
 Other Pin: mated plug connectors,50 m ohm max.  
 \*Insulation Resistance: 100 M ohm min. ; At 500 VDC.  
 \*Contact Current Rating: 1.8 A min.  
 \*Voltage Rating: 100 VAC.  
 \*Withstanding Voltage: 500 VAC for 1 minute.  
 \*Durability (Life Test Before): Insertion Force: 35 N max.  
 Extraction Force: 10 N min.  
 \*Durability (Life Test After): 1500 cycles at 200±50 cycles per hour.  
 Extraction Force: 8 N min.

**ORDER INFORMATION**  
 USAR - 2F 09 - A B 6 3 T 1H  
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

1. CONNECTOR:  
USAR: USB CONNECTOR
2. TYPE:  
2F: FEMALE, USB3.0 DIP TYPE
3. POSITIONS:  
09: 9 POSITIONS
4. INSULATOR MATERIAL:  
A: PBT
5. INSULATOR COLOR:  
B: BLUE
6. CONTACT PLATING:  
6: GOLD 30u"
7. SHIELD PLATING:  
3: NICKEL PLATING
8. PACKING  
T: TRAY PACKING

RoHS Compliant



CONNECTOR FRONT EDGE  
 REFERENCE PCB LAYOUT

NO.	NAME	MATERIAL	FINISH	Q'TY	REMARK
1	FRONT HOUSING	PBT G.F.	BLUE(300C)	1	PBT 5630-200
2	BACK HOUSING	PBT G.F.	BLUE(300C)	1	PBT 5630-200
3	BACK COVER	PBT G.F.	BLUE(300C)	1	PBT 5630-200
4	CONTACT NO.: 1-4	PHOS. BRONZE T:0.25	GOLD/TIN PLATED	4	Gold:30u"; NI:40-60u"; TIN:120u" (100% pure Tin of lead free plating)
5	CONTACT NO.: 5-9	PHOS. BRONZE 1/2H T:0.25	GOLD/TIN PLATED	5	Gold:30u"; NI:40-60u"; TIN:120u" (100% pure Tin of lead free plating)
6	SHELL	SUS 301 1/4H T:0.3	NICKEL PLATED	1	NI:80-120u"

TOLERANCE		 7F, No. 191, Sec. 2 Chung-Yang Rd., Tu-Cheng City Taipei Hsien, Taiwan A Genesis Electro-Mechanical Company	TITLE: USB 3.0 9 PIN DIP				
LINEAR	ANGLES		PART NO.	USAR-2F09-AB63T1H			
X. ± 0.50	X° ± 3°		DWG NO.	GT110-25099			
.X ± 0.38	.X° ± 3°	APPD:	MAT'L:	UNITS	SCALE	SHEET	REV
.XX ± 0.25	.XX° ± 3°	CHKD:	FINISH:	MM	NONE	1 OF 1	A
.XXX ± 0.10	.XXX° ±	DRWN: Kathy-Tan	Q'TY:				

[A]	ISSUED	Vegas	05/10/10'
REV.	ECN NO.	NAME	DATE