



CONNECTOR FRONT EDGE
 RECOMMEND P.C.B. LAYOUT
 TOP VIEW (TOL:±0.05)

Specification

*Electrical Characteristics.
 Contact Current Rating:
 1.8A for VBUS and GND Contacts.
 0.25A for all others Contacts.
 Insulation Resistance:100MΩ Min.
 Dielectric Withstanding Voltage:AC 500V r.m.s.
 Low Level Contact Resistance:30mΩ Max.
 30mΩ (Max) initial for VBUS and GND Contacts.
 50mΩ (Max) initial for all others Contacts.

*Mechanical Characteristics:
 Insertion Force:3.57kg.(35N) Max.
 Extraction Force:
 1.02kg.(10N) Min. For Initial.
 0.82kg.(8N) Min. For After Test.
 Durability:5000 cycles min.

*Environmental:
 Operating Temperature:-30°C ~ 85°C.

*Material:
 Housing:Thermoplastic UL 94V-0 Rated.
 Contact:Copper Alloy.
 Shell:Cold Rolled High Carbon Steel.
 There should not be any circuitries in the byout space of the PCB type products.

ORDER INFORMATION

USAR - 2G 09 - F B X 3 T 1C
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

1. CONNECTOR:
USAR: USB CONNECTOR
2. TYPE:
2G: FEMALE, USB3.0 DIP TYPE
3. POSITIONS:
09: 9 POSITIONS
4. INSULATOR MATERIAL:
F: NYLON 9T
5. INSULATOR COLOR:
B: BLUE
6. CONTACT PLATING:
1: GOLD FLASH
2: GOLD 3u"
3: GOLD 5u"
5: GOLD 10u"
6: GOLD 30u"
A: CONTACT GOLD 30u",
Solder Tail GOLD FLASH
7. SHIELD PLATING:
3: NICKEL PLATING
8. PACKING
T: TRAY PACKING

RoHS Compliant

TOLERANCE	
LINEAR	ANGLES
X. ±	X° ± 3°
.X ± 0.38	.X° ± 3°
.XX ± 0.25	.XX° ± 3°
.XXX ± 0.10	.XXX° ±

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TITLE:	USB 3.0 9 PIN DIP			
PART NO.	USAR-2G09-FBX3T1C			
DWG NO.	GT110-25100			

[A]	ISSUED	Vegas	05/10/10	.XX ± 0.25	.XX° ± 3°	APPD:	MAT'L:	UNITS	SCALE	SHEET	REV
REV.	ECN NO.	NAME	DATE	.XXX ± 0.10	.XXX° ±	CHKD:	FINISH:				