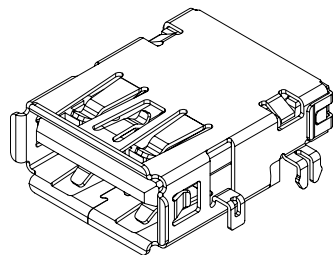


REFERENCE PCB LAYOUT
(TOLERANCE ±0.05)



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 100V r.m.s.

Low Level Contact Resistance:

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 layout space of the PCB type products.

ORDER INFORMATION

USAR - 2L 09 - F B X 3 T 1C

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

1. CONNECTOR:

USAR: USB CONNECTOR

2. TYPE:

2L: FEMALE, USB 3.0 MOLDING

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 15u"

6: GOLD 30u"

9: ALL GOLD FLASH CONTACT AREA 30u" GOLD

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° ±

GENESIS
TECHNOLOGY, INC
A Genesis Electro-Mechanical Company

7F, No. 191, Sec. 2
Chung-Yang Rd.,
Tu-Cheng City
Talpei Hsien, Taiwan

TITLE: USB 3.0 9PIN FEMALE MOLDING

PART NO. USAR-2L09-FBX3T1C

DWG NO. GTI10-25117

[A]	ISSUED	Vegas	09/03/10	.XX ± 0.25	.XX° ± 3°	APPD:	MAT'L:	DWG NO.	GTI10-25117	UNITS	SCALE	SHEET	REV
REV.	ECN NO.	NAME	DATE	.XXX ± 0.10	.XXX° ±	CHKD:	FINISH:	[Symbol]	[Symbol]	MM	NONE	1 OF 1	A
1	2	3		4		5	6	7					8