




RECOMMENDED PCB LAYOUT
 TOLERANCE: ± 0.02
 TOP VIEW(THICKNESS: 1.0 mm)

[E]	ADD NOTES & COLOER OPTION	Vegas	6/04/08'	TOLERANCE		 <small>1015 GRANT STREET S.E. ATLANTA, GA 30315</small> <small>a Genesis Electro-Mechanical Company</small>		TITLE: USB A LONG SHELL FLAG TYPE					
[D]	MODIFY BACK SHELL	Kevin	5/29/07'	LINEAR	ANGLES			PART NO. USB-AR155-XXX					
[C]	ADD LOGO AND SPECIFY MAT'L	AXL	4/30/07'	X. \pm	X° \pm			DWG NO. GTI07-30010					
[B]	CHANGE DESIGN	AXL	4/27/07'	..X ± 0.40	..X° \pm	APPD:	MAT'L:	UNITS	SCALE	SHEET	REV		
[A]	ISSUED	AXL	4/6/07'	..XX ± 0.30	..XX° \pm	CHKD:	FINISH:			MM	NONE	1 OF 2	E
REV	ECN NO.	NAME	DATE	..XXX ± 0.20	..XXX° \pm	DRWN: AXL	Q'TY:						

E

- a. Voltage Rating: 30VDC Max. (r.m.s)
- b. Current Rating: 1.5Amperes.
- c. Insulation Resistance: 1000M ohms min.
- d. Dielectric Withstand Voltage: AC 500V/1 minute.

- f. Contact Capacitance: 2pf max per unmated contact.

Contacts: Phosphor Bronze C5191-H.
Housing/Cover/Flammability Rating: PA9T,UL94V-0, Color option(see order information).
Shell: Brass.
Back Shell: SPCC.
Finger: SUS.

100u" TIN MIN. Plated at solder side, 50u" nickel underplated overall.

Finger: None-Plated.

Unmating force: 10N Min.

- f. Solderability: More than 95% of solderable area shall be covered with solder after 5~10 seconds flux(No clean flux)deep.

remarkable deterioration.

- c. Salt Spray test shall be tested per ASTM 117 for 4 hours.

- f. Shock: No discontinuities of 1 us or longer duration when mated USB connectors are subjected to 11 ms duration 30 Gs half-sine shock pulses. Three shocks in each direction applied along three mutually perpendicular planes for a total of 18 shocks.

inuties of 1us of longer duration when mated USB conn. are subjected to 5.35Gs RMS. 15min. in each of three mutually perpendicular planes.

to 50m ohms max. and meet IR and DWV as initial.

- h. After enviromental test, connector contact resistance should not increase

4. Compliance:

- a. Standard: USB version 2.0 specification.
- b. RoHS Compliance.

L E Housing & Cover Color Option:
W: White
B: Black

PART NO.	USB-AR155-XXX
DWG NO.	GTI07-30010