

A

B

C

D

E

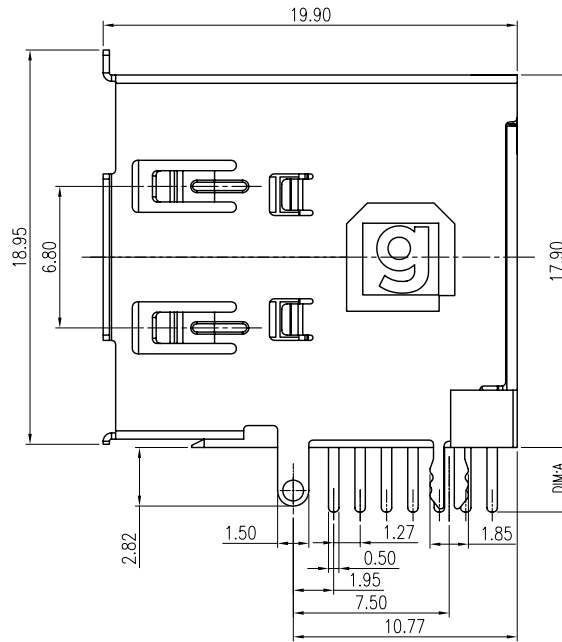
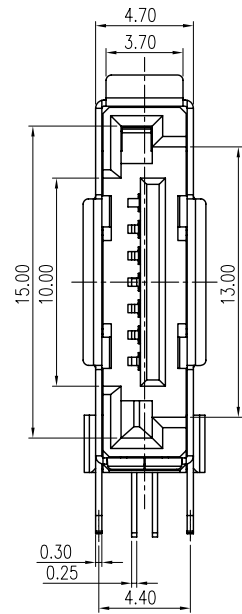
A

B

C

D

E



Pin Number	Signal Name
P1	GND
P2	TXP
P3	TXN
P4	GND
P5	RXN
P6	RXP
P7	GND

NOTES:

1. Material

Housing: Nylon46, UL 94-0 Rated;
 Contact: Brass;
 Plating: Gold plating over Nickel on contact area; Tin Plating on Solder Tail.

2. Mechanical

Insertion Force: 4,080g max;
 Withdrawal Force: 1,020g min;
 Durability: 2,500 cycles.

3. Electrical Specification

Current Rating: 1.5 Ampere per contact
 Contact Resistance: 30m OHM MAX
 Insulation Resistance: 1,000M OHM MIN
 Dielectric Withstanding Voltage: 500VAC.

4. Environmental

Operating Temperature : -55°c to +125°c.

ORDER INFORMATION

ESAR- 1X 07 -C X X 3 T 01
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

1. CONNECTOR:

ESAR: eSATA R/A CONNECTOR

2. TYPE:

1C: MALE, DIP TYPE, UPRIGHT, DIM A=3.10mm

1D: MALE, DIP TYPE, UPRIGHT, DIM A=2.35mm

3. POSITIONS:

07: 7 POSITIONS

4. INSULATOR MATERIAL:

C: NYLON 46

5. INSULATOR COLOR:

K: BLACK

1: YELLOW (810C)

2: RED (187C)

6. CONTACT PLATING:

1: GOLD 1u"

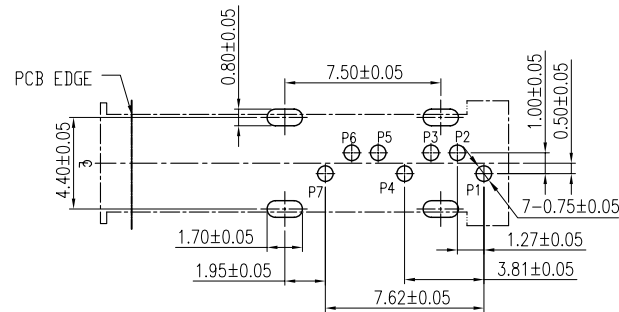
5: GOLD 15u"

7. SHIELD PLATING:

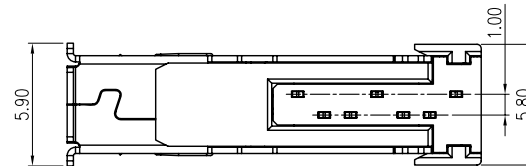
3: NICKEL PLATING

8. PACKING:

T: TRAY



P.C.B LAYOUT T=1.6mm
 TOP VIEW



RoHS Compliant

TOLERANCE		 7F, No. 191, Sec. 2 Chung-Yang Rd., Tu-Cheng City Taipei Hsien, Taiwan A Genesis Electro-Mechanical Company
LINEAR	ANGLES	
X.±	X°.± 3°	APPD: MAT'L:
.X±0.38	.X°±	
.XX±0.25	.XX°±	CHKD: FINISH:
.XXX±0.10	.XXX°±	DRWN: PAT Q'TY:

TITLE:		eSATA UPRIGHT DIP TYPE			
PART NO.		ESAR-1X07-CXX3T01			
DWG NO.		GT17-250112			
UNITS	SCALE	SHEET	REV		
MM	NONE	10F1	A		

A	ISSUED	PAT	05/24/12'
REV.	ECN NO.	NAME	DATE