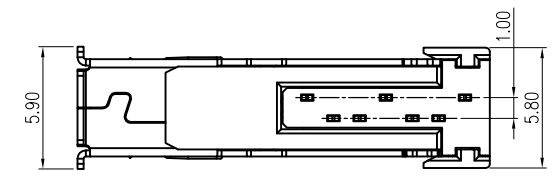


P.C.B LAYOUT T=1.6mm
TOP VIEW

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



NOTES:

- Material
Housing: Nylon46,UL 94-0 Rated;
Contact: Brass;
Plating: Gold plating over Nickel on contact area; Tin Plating on Solder Tail.
- Mechanical
Insertion Force: 4,080g max;
Withdrawal Force: 1,020g min;
Durability: 2,500 cycles.
- Electrical Specification
Current Rating: 1.5 Ampere per contact
Contact Resistance: 30m OHM MAX
Insulation Resistance: 1,000M OHM MIN
Dielectric Withstanding Voltage:500VAC.
- Environmental
Operating Temperature : -55°C to +125°C.
- Electrical Skew:P3+6 picosecond=P2
P6+6 picosecond=P5
Add delay on PCB Layout

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

- CONNECTOR:
ESAR: eSATA R/A CONNECTOR
- TYPE:
1H: MALE, DIP TYPE, UPRIGHT
- POSITIONS:
07: 7 POSITIONS
- INSULATOR MATERIAL:
C: NYLON 46
- INSULATOR COLOR:
K: BLACK
1: YELLOW (810C)
2: RED (187C)
- CONTACT PLATING:
1: GOLD 1u"
5: GOLD 15u"
- SHIELD PLATING:
3: NICKEL PLATING
- PACKING:
T: TRAY

RoHS Compliant

REV.	ECN NO.	NAME	DATE	TOLERANCE		GENESIS TECHNOLOGY, INC A Genesis Electro-Mechanical Company	TITLE: eSATA UPRIGHT DIP TYPE
				LINEAR	ANGLES		
C	ADD NOTES 5	TERRY	06/30/16'	X.±	X°.± 3°	7F, No. 191, Sec. 2 Chung-Yang Rd., Tu-Cheng City, Taipei Hsien, Taiwan	PART NO. ESAR-1H07-CXX3T01
B	MODIFY DESIGN	PAT	03/09/13'	.X±0.38	.X°±	APPD: DANIEL	DWG NO. GT20-250110
A	ISSUED	PAT	03/05/13'	.XX±0.25	.XX°±	MAT'L:	UNITS SCALE SHEET REV
				.XXX±0.10	.XXX°±	FINISH:	MM NONE 1OF1 C
						DRWN: TERRY	
						Q'TY:	