

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

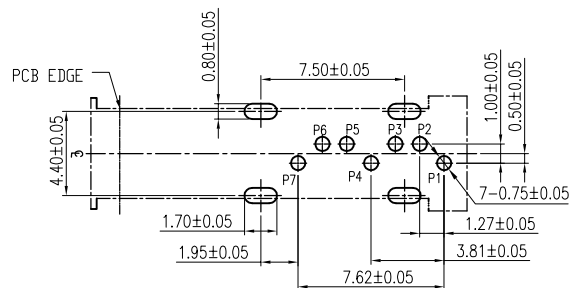
NOTES:

- 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.
- 5.Electrical Skew:P3+6 picosecond=P2  
P6+6 picosecond=P5  
Add delay on PCB Layout

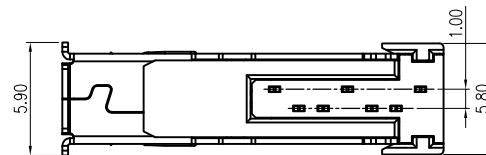
ORDER INFORMATION

ESAR-1X07-C X X 3 T 01  
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- CONNECTOR:  
ESAR: eSATA R/A CONNECTOR
- TYPE:  
1C: MALE, DIP TYPE, UPRIGHT, DIM A=3.10mm  
1D: MALE, DIP TYPE, UPRIGHT, DIM A=2.35mm
- 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



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



RoHS Compliant

		TOLERANCE				TITLE: eSATA UPRIGHT DIP TYPE					
		LINEAR	ANGLES			PART NO. ESAR-1X07-CXX3T01					
		X.±	X'± 3°			DWG NO. GT17-250112					
REV.	ECN NO.	NAME	DATE	.XXX±0.10	.XXX'±	DRWN: TERRY	Q'TY:	UNITS	SCALE	SHEET	REV
B	ADD NOTES 5	TERRY	07/01/16'	.X±0.38	.X'±	APPD: DANIEL	MAT'L:	MM	NONE	10F1	B
A	ISSUED	PAT	05/24/12'	.XX±0.25	.XX'±	CHKD: TERRY	FINISH:				

