

RevNo	Revision note	Date	Signature	Checked
A	NEW RELEASE	02-29-12		

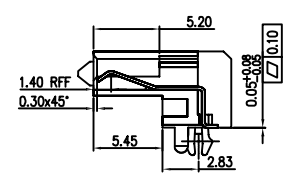
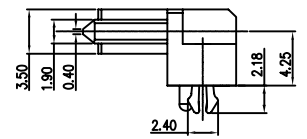
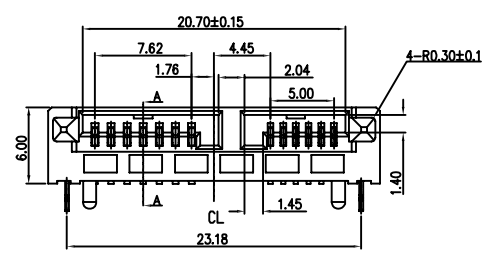
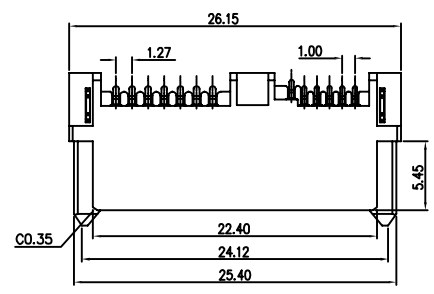
NOTES:

- MATERIAL:
HOUSING MATERIAL: THERMOPLASTIC, UL 94V-0
CONTACT MATERIAL: PHOSPHOR BRONZE, T=0.25mm
BOARD LOCK MATERIAL: BRASS, T=0.45mm
- ELECTRICAL PERFORMANCES:
CURRENT RATING: 1.5A MAXIMUM AT PER PIN.
CONTACT RESISTANCE: 30 mΩ MAX. INITIALLY,
& 40 mΩ MAX. AFTER LIFE TESTING.
INSULATION RESISTANCE: 1000 MΩ MIN.
DIELECTRIC WITHSTANDING VOLTAGE: 500V AC AT SEA LEVEL
- MECHANICAL:
MATING FORCE: 35N MAXIMUM
UNMATING FORCE: 10N ~ 30N
RETENTION FORCE/PIN: 7N MINIMUM

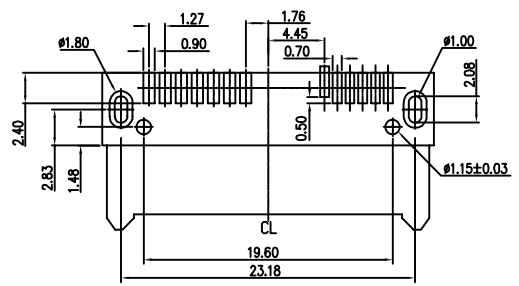
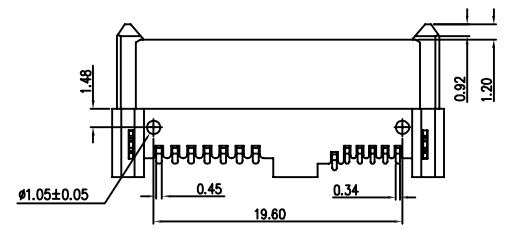
PART NO. CODE:

SAT001 - D K X - X X
① ② ③ ④ ⑤ ⑥

- SERIES:
SAT001: SATA CONN, RIGHT ANGLE, SMT TYPE
- POSITIONS:
D: 13 POSITIONS
- INSULATOR COLOR:
K: BLACK
W: WHITE
- CONTACT PLATING:
1: Au 1u"
2: Au 3~5u"
4: Au 15u"
5: Au 30u"
- ENVIRONMENT:
O: RoHS
H: HALOGEN FREE
- WAY OF PACKING:
T: TRAY
R: TAPE & REEL
B: WATERPROOF BAG

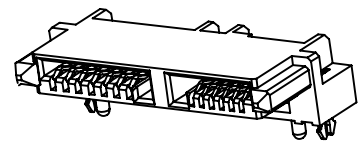


SECTION A-A





RECOMMEND PCB LAYOUT(T=1.00)

PCB TOLERANCE±0.05



BILL OF MATERIAL :

4	CLASP	2	BRASS	PLATING NICKEL
3	7P CONTACT	7	PHOSPHOR BRONZE	AU OVER Ni
2	6P CONTACT	6	PHOSPHOR BRONZE	AU OVER Ni
1	HOUSING	1	THERMOPLASTIC	N/A
ITEM	PART NAME	Q'TY/EA	MATERIAL	PLATING

GENERAL TOLERANCES (UNLESS SPECIFIED) DIMENSION STYLE : MM < INCH >	FINISH	SEE NOTES																			
	MATERIAL	SEE NOTES																			
<table border="1"> <tr> <th></th> <th>MM</th> <th>ANGLE°</th> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± 0.05</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± 0.5°</td> </tr> <tr> <td>1 PLACES</td> <td>± 0.25</td> <td>± 1.0°</td> </tr> <tr> <td>0 PLACES</td> <td>± 0.38</td> <td>± 2.0°</td> </tr> </table>		MM	ANGLE°	4 PLACES	± ---	± ---	3 PLACES	± 0.05	± ---	2 PLACES	± 0.13	± 0.5°	1 PLACES	± 0.25	± 1.0°	0 PLACES	± 0.38	± 2.0°	DRAWN BY	DATE	TITLE
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	R. Ly	02-29-12	SATA CONNECTOR, 7+6PIN, RIGHT ANGLE, SMT TYPE																		
	CHECKED BY	DATE	SIZE																		
	A. TENG	02-29-12	A4																		
	APPROVED BY	DATE	DRAWING NO.																		
	---	---	SAT001-DKX-XX																		
 THIRD ANGLE PROJECTION			SCALE																		
			NONE																		
			SHEET																		
			1 OF 1																		
			REV.																		
			A																		