

CUSTOMER DRAWING

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
A	HK4624	NEW RELEASED	8/08/07	IP
B	HKXXXX	CHANGE TEH DIMENSION BY CUST REQ	8/16/07	IP
C	HKXXXX	CHANGE TEH DIMENSION BY CUST REQ	9/06/07	IP
D	HKXXXX	CHANGE TEH PLATING BY CUST REQ	9/10/07	IP
E	HK4751	UPDATE THE P/N SYSTEM TO MEET CUST REQ	10/24/07	IP
F	HK4868	ADD PAGE 2 AND PAGE 3	12/12/07	IP
1	HK6185	CHANGE THE PACKING DIRECTION AS CUSTOMER REQUEST	05/12/10	IP

NOTES :

- Material:
Plastic: High temperature thermoplastic, UL 94V-0, Black;
Contact: Copper alloy, $T=0.25\pm0.05\text{mm}$
Boardlock: Copper alloy, $T=0.25\pm0.05\text{mm}$
- Finished:
Contact: see p/n system
Boardlock: Tin plating
Underplated: Ni plating
- Electrical performance:
3.1 Current rating: 1.5A/Per pin
3.2 Dielectric strength: 500V DC for 1 minute
3.3 Insulation resistance: 1000MΩ Min
3.4 Contact resistance: 30mΩ MAX
3.5 Operation temperature: -40°C TO $+105^{\circ}\text{C}$
- Dimensioning shall be interpreted per ASME Y14.5M 1994
- Material should be fulfilled Amphenol SPEC.# S-SN-002, for halogen free products, also need to meet S-SN-004

ORDER P/N SYSTEM:

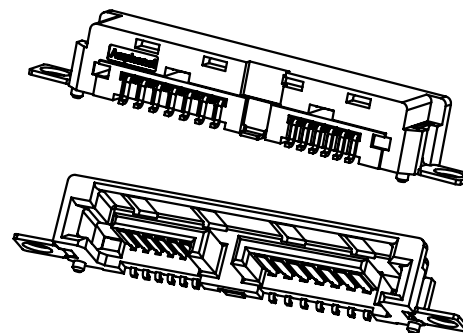
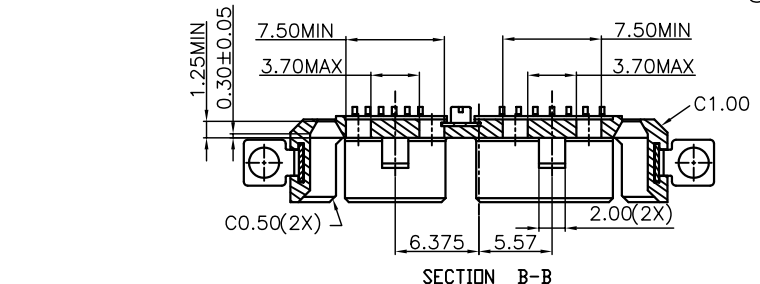
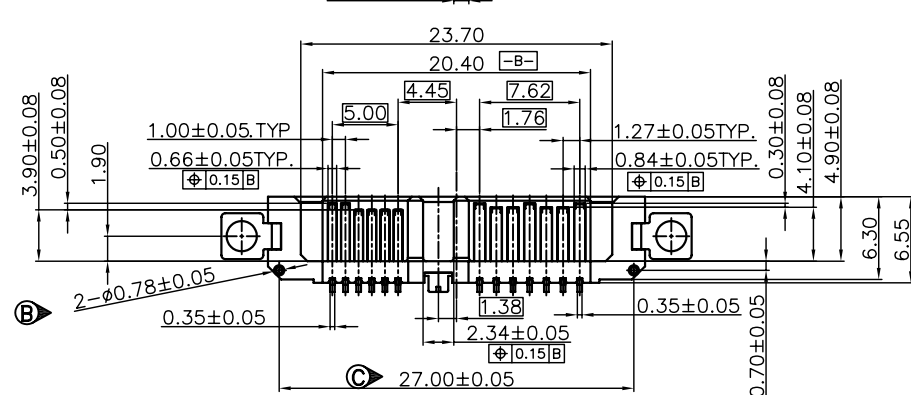
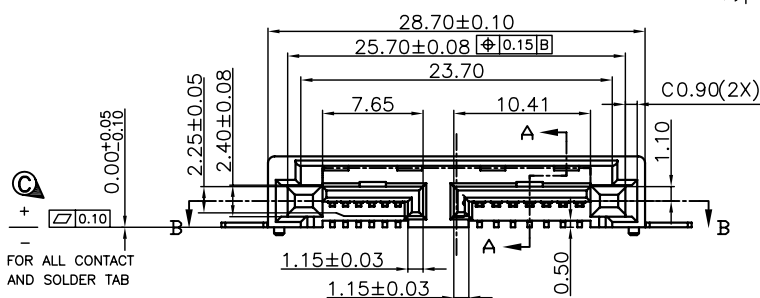
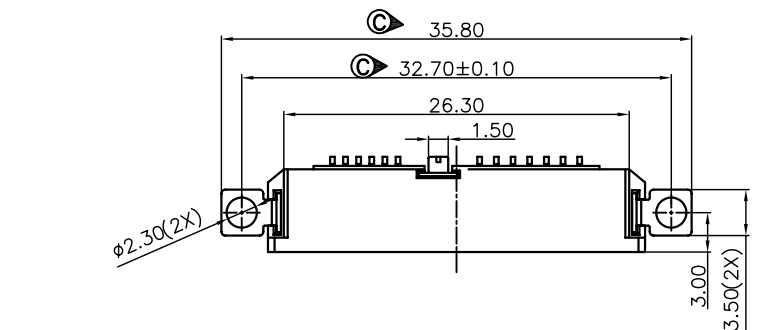
SSATA-001-0215-X-X-X

PACKING CODE

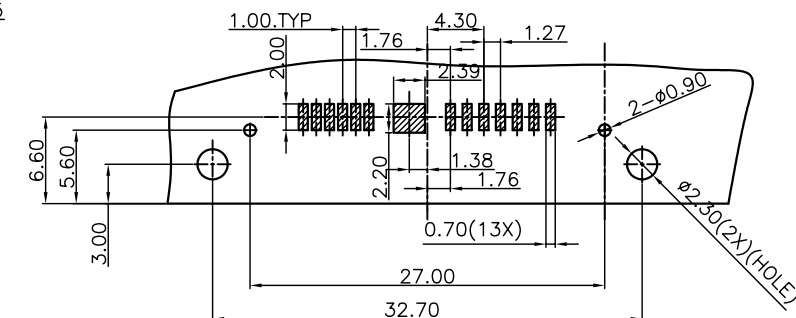
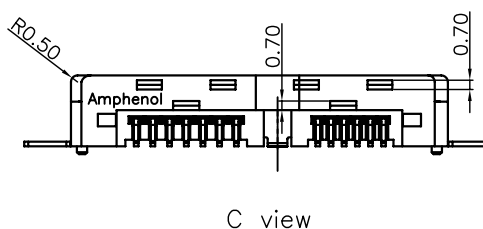
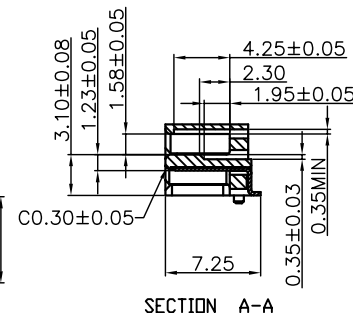
- PACKING WITH TRAY
- PACKING WITH TAPE & REEL

CUSTOMER CODE: NIL, A, B...Y, Z

- 0.76 μm GOLD PLATING, Tin ON CNT SOLDER TAIL
- 0.38 μm GOLD PLATING, Tin ON CNT SOLDER TAIL
- GOLD FLASH, Tin ON CNT SOLDER TAIL
- 0.76 μm Au ON MATING AREA, G/F ON CNT SOLDER TAIL
- 0.38 μm Au ON MATING AREA, G/F ON CNT SOLDER TAIL
- GOLD FLASH ON MATING AREA, G/F ON CNT SOLDER TAIL



C view



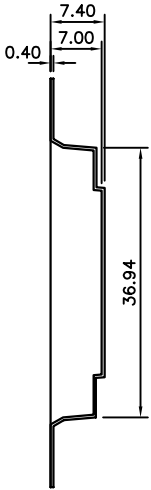
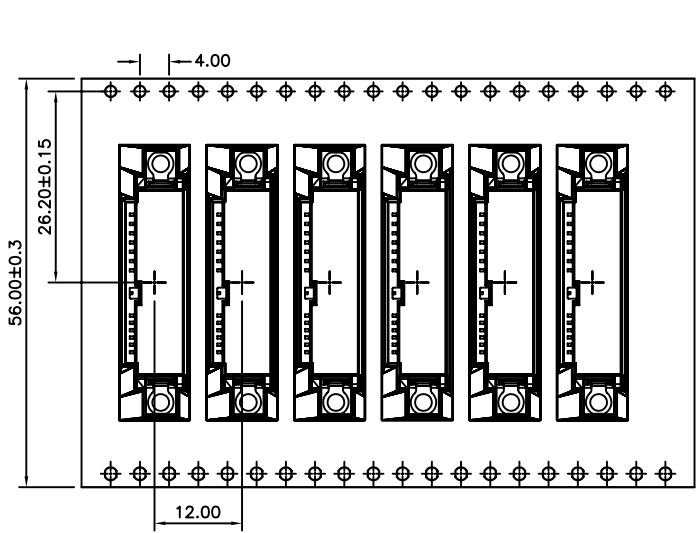
RECOMMENDED PCB LAYOUT(TOP VIEW)
ALL TOLERANCE: $\pm0.05\text{MM}$, PCB THICKNESS=0.80MM

UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC 0.0 +/- 0.00 0.00 +/- 0.00 FRACTIONS +/- 0.00 ANGLES +/- 0.00 FOR MATERIALS AND FINISHES SEE NOTES REMOVE SHARP EDGES DIMENSIONS U.S. INCHES (METRIC) (MM)		APPROVAL DRAWN: Gao.Wang CHECKED: Tom.Tang DATE: 05/12/10 05/12/10 05/12/10	DATE	Amphenol	
DRAWING FILE: DRAWING NO. SSATA0010215000-1.DWG		TITLE CUSTOMER DRAWING FOR SLIMLINE SATA PLUG CONNECTOR		SIZE	REV.
ANGLE OF PROJECTION U.S. INCHES (METRIC) (MM)		SCALE 1:1		A3 C SSATA-001-0215-X-X-X	1
		SHEET 1 OF 2			

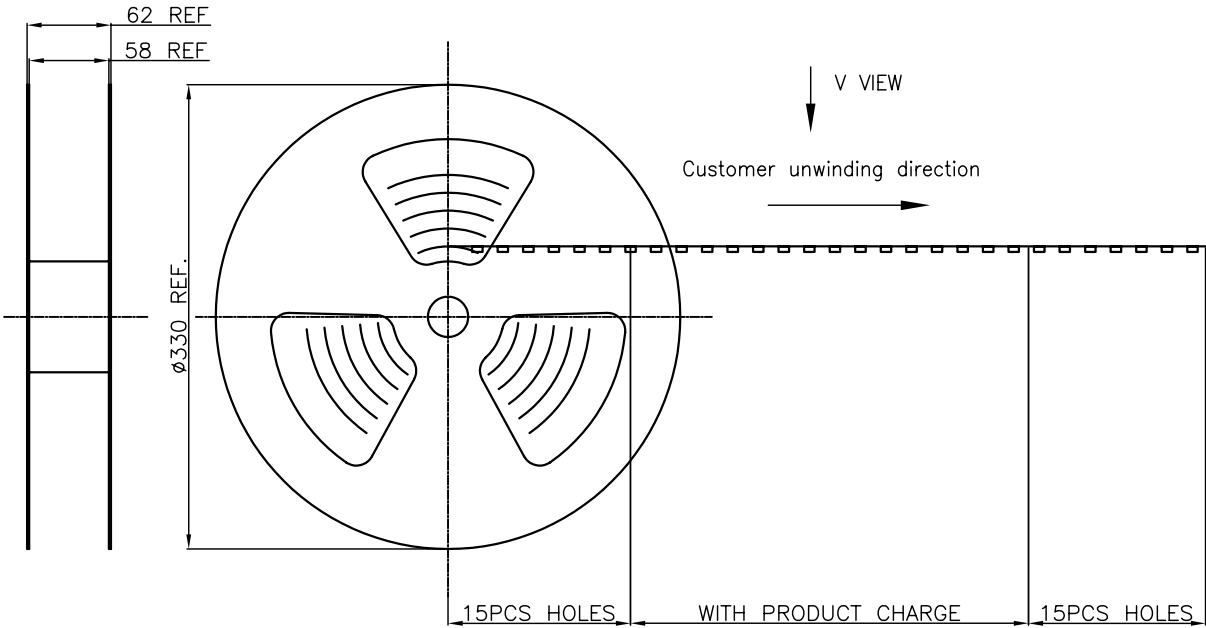
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CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
Refer to sheet 1/2				



V VIEW



REEL PACKING METHOD
SCALE: 1:5

NOTE

1. PEEL OFF STRENGTH:0.1N TO 1N;
2. PEEL OFF SPEED 300mm/Min.;
3. PACKING QUANTITY:650PCS/REEL,2600PCS/CARTON;



UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE	Amphenol	
U.S.	METRIC	DRAWN	Qing Wang	05/12/10		
0.0	+/-	CHECKED	Tom Tang	05/12/10	TITLE CUSTOMER DRAWING FOR SLIMLINE SATA PLUG CONNECTOR	
0.00	+/-	CHECKED				
FRACTIONS +/-		DRAWING FILE :			SIZE A3 C SSATA-001-0215-X-X-X	
ANGLES +/-		ANGLE OF PROJECTION				
FOR MATERIALS AND FINISHES SEE NOTES		REMOVE SHARP EDGES			REV. 1	
DIMENSIONS		SCALE				
U.S.	INCHES	1:1			SHEET 2 OF 2	
(METRIC)	(MM)					