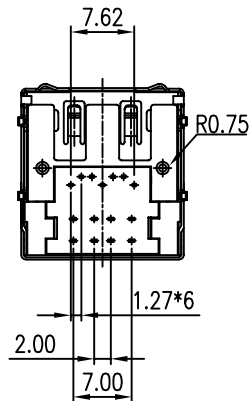
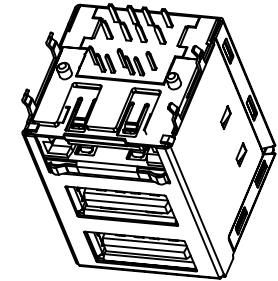
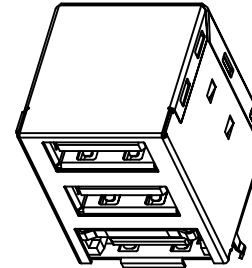
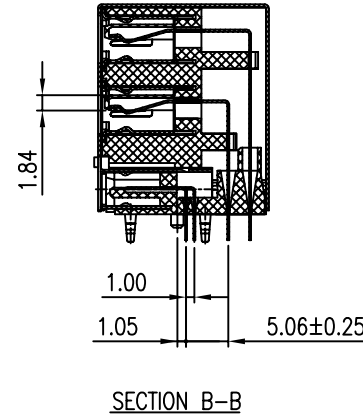
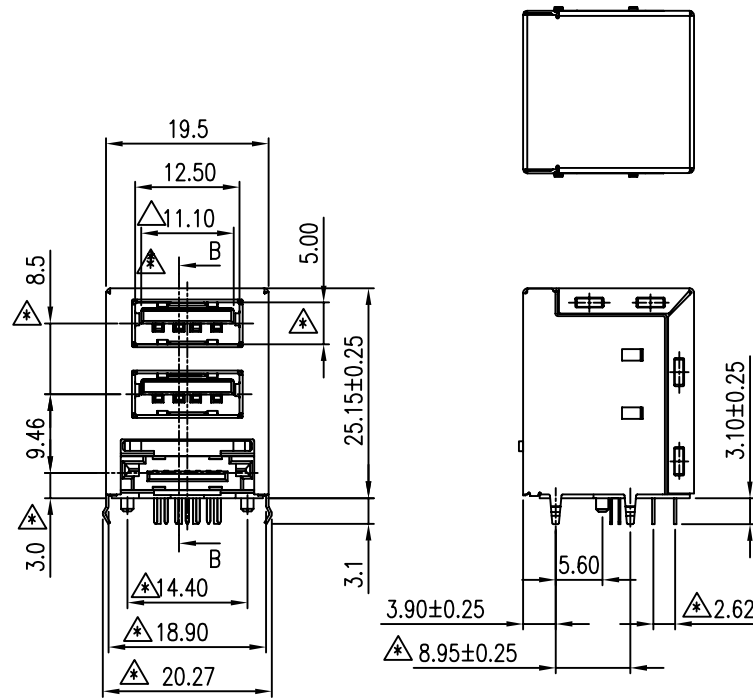


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CUSTOMER DRAWING ORIGINAL

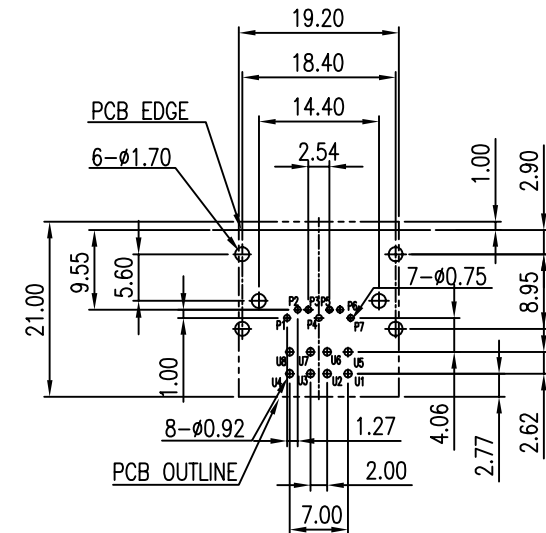


REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A		UNAPPROVED REVISION	02/01/2007	HC Liu



NOTES:

1. E-SATA HOUSING: NYLON 46, UL 94V-0, COLOR- BLACK, RED OR YELLOW
2. USB HOUSING: NYLON 66, UL 94V-0,COLOR- BLACK
3. SHELL: BRASS, NICKEL PLATING
4. E-SATA CANTACT: BRASS, GOLD PLATING OVER NICKEL
ON CONTACT AREA, TIN PLATING ON SOLDER TAIL
5. USB CONTACT: PHOSPHER BRONZE, GOLD PLATING OVER NICKEL ON
CONTACT AREA, TIN PLATING ON SOLDER TAIL
6. THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS
MATERIALS PER DIRECTIVE 2002/95/EC FOR RoHS.
7. THE PRODUCT MUST BE FOR DIP PROCESS ONLY
8. △ ARE CRITICAL DIMENSIONS



RECOMMEND PCB LAYOUT (THICKNESS:1.6MM)
(ALL TOLERANCE ARE: ±0.05)

TOLERANCE m/m		APPROVALS		DATE	TITLE		<div>Amphenol®</div> <div>Amphenol Corporation</div> <div>Amphenol Taiwan Corporation</div> <div>SCALE N.A. SHEET 1 OF 1</div>		
x.	±0.30	DRAWN	XL Wu	02/01/07	G09 SERIES				
x.x	±0.25	CHECKED	Sondra Sang	02/01/07	STACKED USB OVER e SATA				
x.xx	±0.15	APPROVED	HC Liu	02/01/07	PLUG, NORMAL, STACKED				
x.xxx	±0.08				R/A PCB MOUNT, DIP TYPE				
ANGULAR	±2°								
UNLESS OTHERWISE SPECIFIED				UNIT	MM	SIZE	PART NO.	DRAWING NO.	REV.
						A4	G09 17X 23XX WEU	SKT-G0917X23XXWEU-16	A

PART NUMBER SYSTEM

PNS-G09

Rev.

F

ORIGINAL

G09 X X X X X X X X X X

Series ATA II Conn.
High Speed Serialized AT
Attachment II

Lane Option

- 1: 1 Lane
- 2: 2 Lane
- 4: 4 Lane

Connector Style

- 1: Right angle board mount plug, normal type
- 2: Right angle board mount plug, reverse type
- 3: Straight board mount plug
- 4: Straight Cable mount receptacle
- 5: Stacked, Right angle board mount plug, normal type
- 6: Up-right board mount plug
- 7: Stacked, Right angle board mount, USB recept., stacked over E-SATA plug
- 8: Stacked, Right angle board mount, IEEE1394 recept. over E-SATA plug

Shell and Contact Finish

- 2: Contact: 30μ" Gold; Shell: Tin plating
- 3: Contact: 30μ" Gold; Shell: Nickel plating+ Gold Flash
- 4: Contact: 30μ" Gold; Shell: Nickel plating
- 5: Contact: 15μ" Gold; Shell: Nickel plating
- 6: Contact: Gold flash; Shell: Tin plated

Environment Code

- LF: Sony GP Compliant
- EU: RoHS Compliant

Extension Code

- Blank: Standard
- A: W/O Logo

Packing Option

- 0: Tape and reel packing
- 1: Tray packing
- 2: Tube packing

Material of Insulation of E-SATA

- 0: LCP+30% GF, Black
- 1: PBT+30% GF, Black
- 2: PA9T+30% GF, Black
- 3: Nylon 46, Black
- 4: PBT, Red
- 5: Nylon 46, Yellow
- 6: Nylon 46, Red

Board Mount Option

- 0: None
- 1: Arrowhead boardlock
- 2: Footprint
- 3: Plastic Posts & Metal Pegs

Terminal Style

- 0: None (for Cable type)
- 1: SMT
- 2: Dip type
- 3: Press Fit
- 4: IDC Type
- 5: Crimping Type (housing & contact)



- ALL CONTACTS ARE IN 50μ" MIIMUM NICKEL UNDERPLATE
- ALL SPECIFIED NUMBERS ARE MINIMUM THICKNESS OF PLATING.
- THE EXTENSION CODE MAY SUPERSEDE SOME MAJOR SPECIFICATIONS DEFINED BY THIS STANDARD PART NUMBER SYSTEM. FOR PART NUMBER WITH AN EXTENSION CODE. PLEASE REFER TO THE SPECIFIC SET OF DATASHEETS RELEASED FOR THAT EXTENSION CODE.

F	NE-07089	HC Lin	03/07/2007	TITLE Serial ATA II Connector Part Number	PRODUCT SERIES G09
E	NE-06430	Edward Wu	12/01/2006		
D	NE-06325	Edward Wu	09/21/2006		
C	NE-06292	Edward Wu	09/01/2006	This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, and that no right is granted to disclose or to use any information in this document.	
B	NE-05432	Jeff Liu	12/19/2005		
A		Henry Ko	08/31/2005		
SYM	ECN NO.	APPROVED	DATE		
PREPARED XL Wu03/07/2007				CHECKED Sondra Sang	DATE 03/07/2007
				APPROVED HC Liu	DATE 03/07/2007