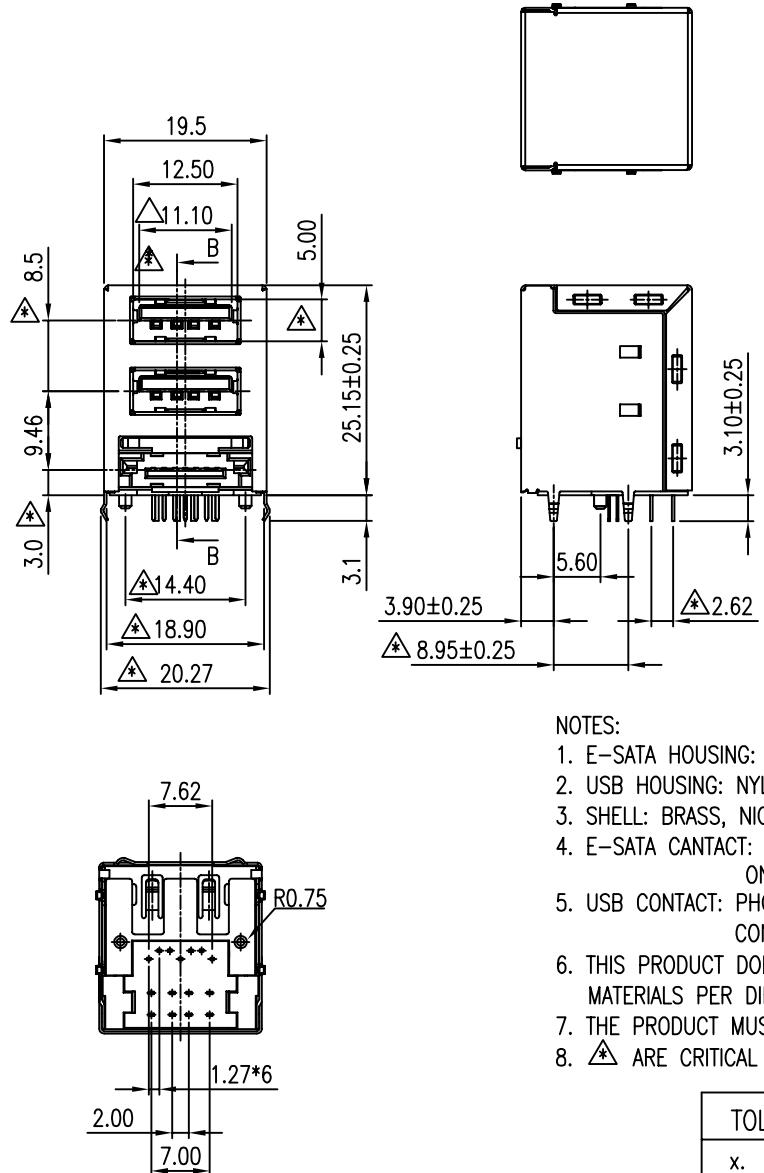


CUSTOMER DRAWING ORIGINAL

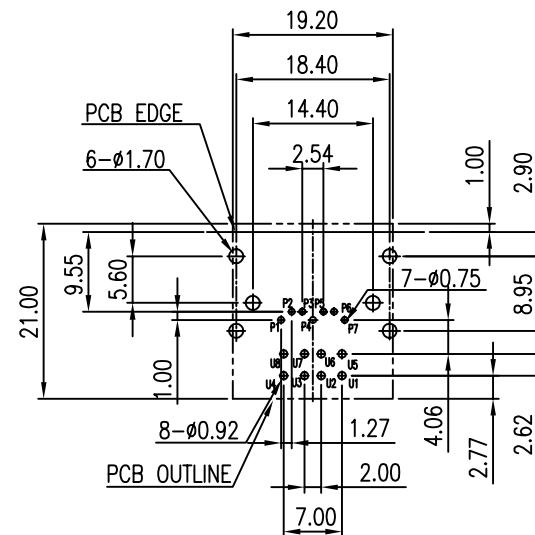


REVISIONS		DATE APPROVED
SYM	ECN No.	DESCRIPTION
A		UNAPPROVED REVISION 02/01/2007 HC Liu



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. \triangle ARE CRITICAL DIMENSIONS



TOLERANCE m/m	APPROVALS	DATE	TITLE		Amphenol® Amphenol Corporation Amphenol Taiwan Corporation
x. ± 0.30	DRAWN XL Wu	02/01/07			
x.x ± 0.25	CHECKED Sondra Sang	02/01/07	G09 SERIES	STACKED USB OVER e SATA	
x.xx ± 0.15	APPROVED HC Liu	02/01/07	PLUG, NORMAL, STACKED	R/A PCB MOUNT, DIP TYPE	
x.*** ± 0.08			SIZE	PART NO.	
ANGULAR $\pm 2^\circ$			A4	G09 17X 23XX WEU	
UNLESS OTHERWISE SPECIFIED	UNIT	MM		DRAWING NO.	
				SKT-G0917X23XXWEU-16	REV. 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 50 μ " 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		
B	NE-05432	Jeff Liu	12/19/2005		
A		Henry Ko	08/31/2005		
SYM	ECN NO.	APPROVED	DATE		
PREPARED			DATE	CHECKED	DATE
XL Wu			03/07/2007	Sondra Sang	03/07/2007
				APPROVED	DATE
				HC Liu	03/07/2007