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The marking on this product doesn't contain environmental hazardous material and must follow one or more specifications per Material Specification SS-00259 for Sony GP compliant or per directive 2002/95/EC for RoHS compliant or per IEC 61249-2-21 for Halogen Free compliant.

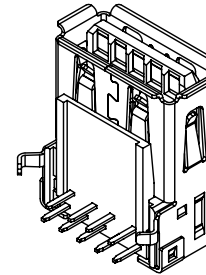
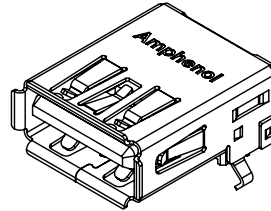
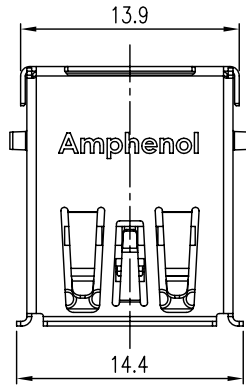


# ORIGINAL

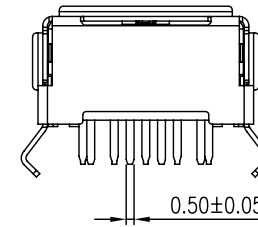
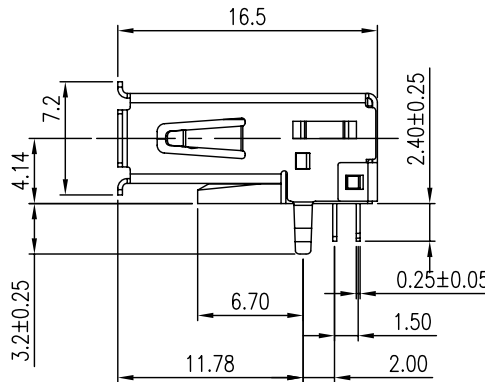
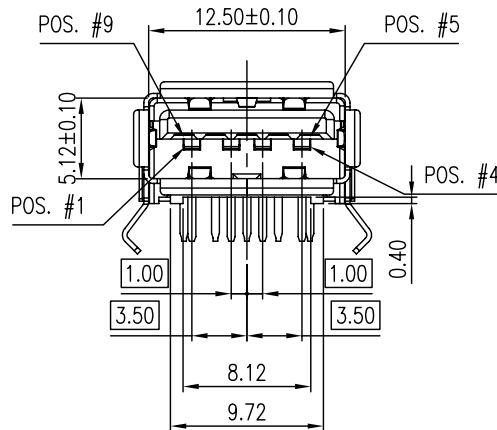
**PART NUMBER:**  
GSB3 111 X X HR

**CONTACT FINISH**      **INSULATOR AND COLOR**  
 3: 30μ" GOLD                      1: LCP, Blue  
 4: 2μ" GOLD+30μ" Ni-Pd        4: Nylon 9T, Blue

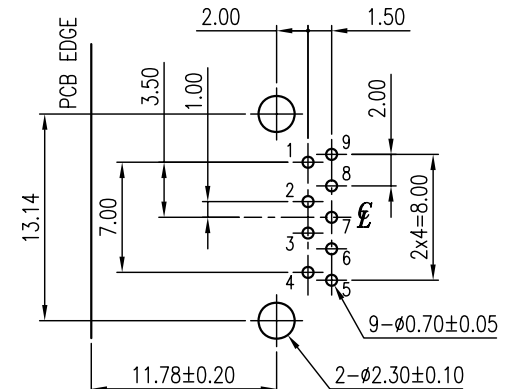
REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
A		RELEASE TO PRODUCTION	12/02/2009	Sondra Sang
B	NE-09193	ADDED DIMENSIONS	12/07/2009	Sondra Sang
C	NE-10123	MODIFIED PINS	08/06/2010	Sondra Sang
D	NE-10162	ADDED PIN ASSIGNMENTS	10/12/2010	Sondra Sang



PIN #	SIGNAL NAME
1	VBUS
2	D-
3	D+
4	GND
5	SSRX-
6	SSRX+
7	GND_DRAIN
8	SSTX-
9	SSTX+
SHELL	SHIELD

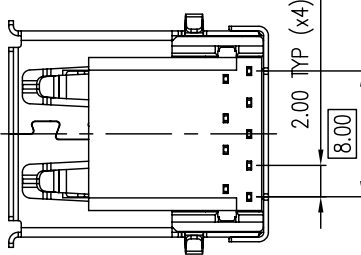


**PIN ASSIGNMENT**



**RECOMMENDED PCB LAYOUT- TOP VIEW**  
(OTHER GENERAL TOLERANCES: ±0.05)

- NOTES:**
- HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL 94V-0 OR 94H-B, COLOR- BLUE
  - BOTTOM COVER: HIGH TEMPERATURE THERMOPLASTIC, UL 94V-0, COLOR- BLUE
  - CONTACT: COPPER ALLOY, 0.25mm THICKNESS, 30μ" MIN. GOLD or 2μ" MIN. GOLD +30μ" MIN. Ni-Pd PLATED ON CONTACT AREA, 120μ" MIN. MATTE TIN PLATED ON SOLDERING TAIL, 80μ" MIN. NICKEL UNDER-PLATED OVERALL
  - METAL SHELL: COPPER ALLOY, 0.3mm THICKNESS, 120μ" MIN. MATTE TIN PLATED ON SOLDERING TAIL, 80μ" MIN. NICKEL UNDER-PLATED OVERALL
  - THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS MATERIALS PER DIRECTIVE 2002/95/EC FOR RoHS AND PER IEC 61249-2-21 FOR HALOGEN FREE COMPLIANT.



TOLERANCE	APPROVALS	DATE	TITLE	UNIT	SIZE	PART No.
X. ±0.30	DRAWN Sondra Sang	10/12/10	USB 3.0 CONNECTOR STANDARD A R/A DIP TYPE	mm	A3	GSB3 111 XX HR
X.X ±0.20	CHECKED Chenny Yeh	10/12/10				
X.XX ±0.10	APPROVED Hank Hsu	10/12/10		SCALE NA	SHEET 1 OF 1	DWG No. GSB311131HR
ANGULAR ±1°	DWG TYPE CUST DWG	PROJECT CODE T502		REV. D		
UNLESS OTHERWISE SPECIFIED						

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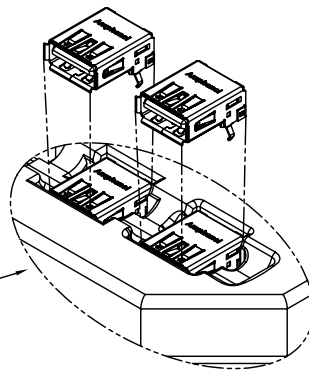
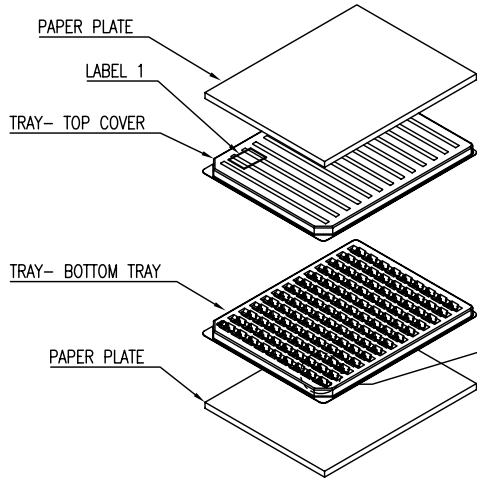
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ORIGINAL

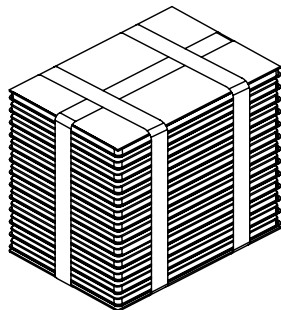


REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
A		RELEASE TO PRODUCTION	12/02/2009	Sondra Sang

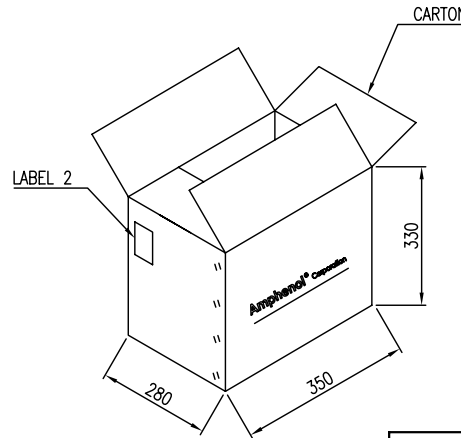


PN : GSB311131HR		<b>LABEL 1 = QTY : 117</b> <b>LABEL 2 = QTY : 2340</b>
QTY : 117		
P/O : 411-012345-001		
DATE : 07 / 31 / 2009		
MM / DD / YYYY		
G.W : 15.00 KG	RoHS	
Amphenol Taiwan Corporation		

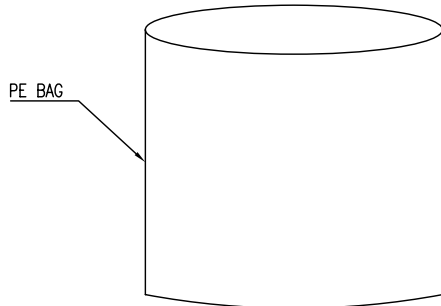
LABEL 1 & LABEL 2



TOTAL 20 LAYERS TRAYS



- NOTES:
1. MATERIAL: TRAY- PET
  2. THICKNESS: 0.80 mm MINIMUM
  3. THE BARCODE MUST BE 3 OF 9 BARCODE
  4. COMPONENTS LOAD PER THE TRAY: 117 PCS.
  5. THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS MATERIALS PER DIRECTIVE 2002/95/EC FOR RoHS COMPLIANT



PART NO.	PCS. / TRAY	TRAY / CARTCON	N.W.	G.W.
GSB3111XXHR	117 PCS.	117X20=2340 PCS.	*	9.6 Kg

("\*\*") FOR REFERENCE

TOLERANCE	APPROVALS	DATE	TITLE		Amphenol® Amphenol Corporation Amphenol Taiwan Corporation			
X. ±0.20	DESIGNED Sondra Sang	12/02/09	USB3.0 CONNECTOR A TYPE, R/A DIP TRAY PACKING		PART No. GSB3 11X XX HR			
X.X ±0.15	CHECKED Chenny Yeh	12/02/09						
X.XX ±0.10	APPROVED Hank Hsu	12/02/09						
X.XXX ±0.05			UNIT mm		SIZE A3	SHEET 1 OF 1		
ANGULAR ±1°	DWG TYPE ENG DWG	PROJECT CODE T502	SCALE NA			DWG No. PKS_GSB311P001HR		REV. A
UNLESS OTHERWISE SPECIFIED								

# Mouser Electronics

Authorized Distributor

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[GSB311131HR](#)