



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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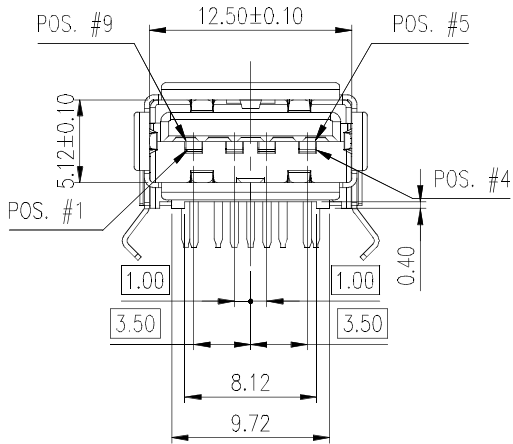
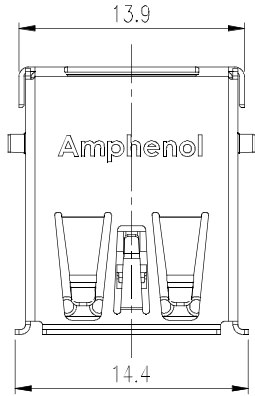
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The marking on this product doesn't contain environmental hazardous material and must follow one or more specifications per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EU for RoHS compliant or per IEC 61249-2-21 for Halogen Free compliant.



PART NUMBER:
GSB3 111 X X X HR

CONTACT FINISH
3: 30μ" GOLD
4: 2μ" GOLD +
30μ" Ni-Pd

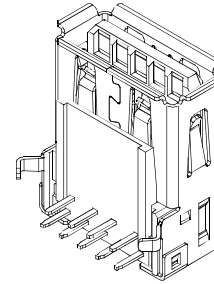
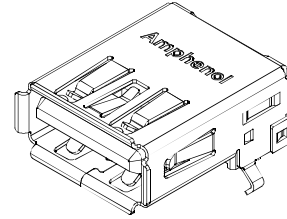
SOLDER TAIL LENGTH
BLANK: Standard (2.4mm)
1: DIM. E = 3.00mm
3: DIM. E = 2.7mm

INSULATOR AND COLOR
1: LCP, Blue
3: LCP, Black
4: Nylon, Blue
6: Nylon, Black

ORIGINAL

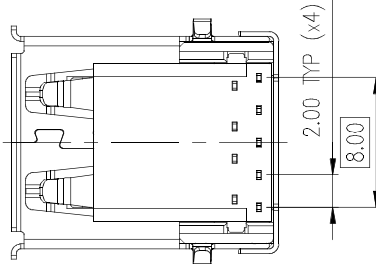
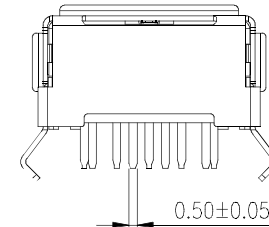
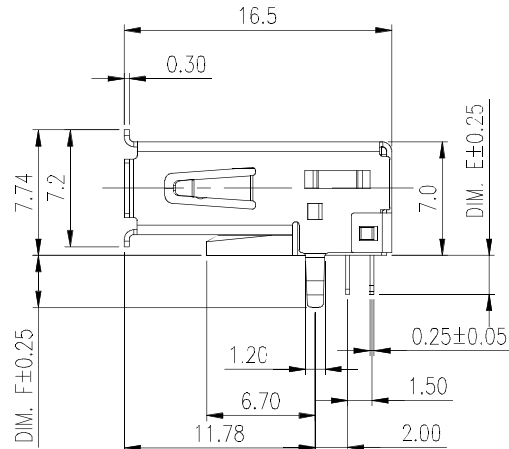


REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
F	NE-11115	MODIFIED DRAWING	08/22/2011	Sondra Sang
A1	NE-13107	MODIFIED PNC & ADDED DIMENSION	07/09/2013	Sondra Sang
B1	NE-13138	ADDED COLOR OPTIONS AND DIMENSIONS	08/22/2013	Sondra Sang
C1	NE-13175	CANCELED PIN LENGTH OPTIONS	10/29/2013	Sondra Sang
D1	NE-14166	ADDED SOLDER TAIL LENGTH OPTION	08/29/2014	Sondra Sang

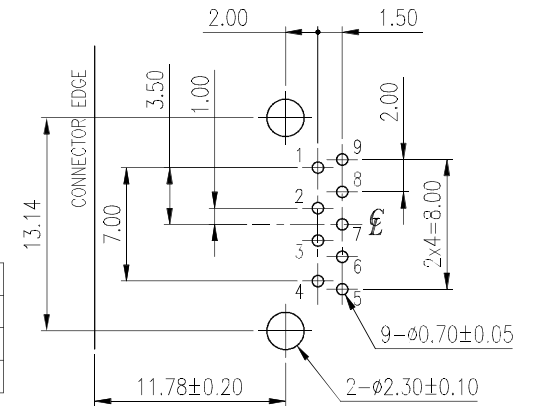


PIN #	SIGNAL NAME
1	VBUS
2	D-
3	D+
4	GND
5	SSRX-
6	SSRX+
7	GND_DRAIN
8	SSTX-
9	SSTX+
SHELL	SHIELD

PIN ASSIGNMENT



PART NO	DIM. E	DIM. F
GSB3111XXHR	2.4	3.2
GSB3111XX1HR	3.0	3.6
GSB3111XX3HR	2.17	3.2



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

NOTES:

- HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL 94V-0 OR 94H-B, COLOR- BLUE OR BLACK
- 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" M.N. MATTE TIN PLATED ON SOLDERING TAIL, 80μ" MIN. NICKEL UNDER-PLATED OVERALL
- METAL SHELL: COPPER ALLOY, 0.3mm THICKNESS, 50μ" MIN. NICKEL UNDER-PLATED OVERALL
- THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS MATERIALS PER DIRECTIVE 2011/65/EU FOR RoHS AND PER IEC 61249-2-21 FOR HALOGEN FREE COMPLIANT.

TOLERANCE	APPROVALS	DATE	TITLE
X. X.X X.XX X.XXX ±0.30 ±0.20 ±0.10	DRAWN Sondra Sang	8/29/2014	USB 3.0 CONNECTOR STANDARD A R/A DIP TYPE
	CHECKED Joseph Jiang	8/29/2014	
	APPROVED Hank Hsu	8/29/2014	
	DWG TYPE CUST DWG	PROJECT CODE T502	

UNIT		SIZE	PART No.	REV.	
mm	NA	A3	GSB3 111 XX XHR	D1	
SCALE		SHEET	DWG No.		
1 OF 1		1 OF 1	GSB311131HR		