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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/EC for RoHS compliant or per IEC 61249-2-21 for Halogen Free compliant.

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX1		UNAPPROVAL REVISION	01/22/2014	Sondra Sang

FOR REFERENCE ONLY

PART NUMBER:
GSB4 116 3 4 X HR

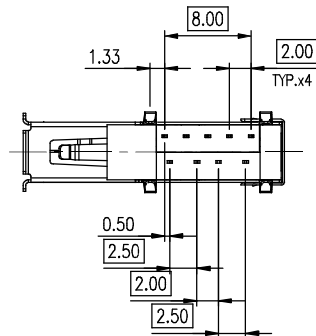
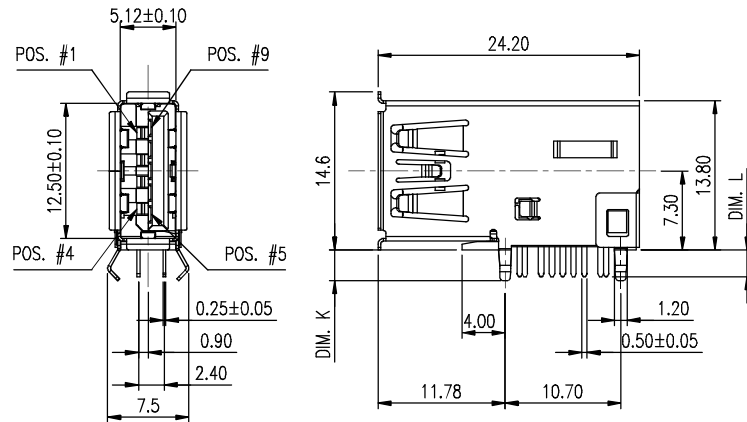
CONTACT FINISH
3: 30μ" GOLD

PLASTIC MATERIAL
4: NYLON, BLUE

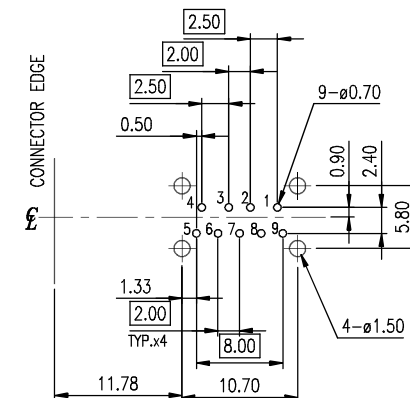
SOLDER TAIL LENGTH
1. DIM. L=1.90 mm
2. DIM. L=2.40 mm
3. DIM. L=2.80 mm
4. DIM. L=3.30 mm

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



DIM. J	DIM. K	DIM. L	PCB THICKNESS	PROCESS
1.7 mm	2.8 mm	2.40mm	1.6mm	WAVE SOLDERING
1.7 mm	2.8 mm	1.90mm	1.6mm	PIP
2.6 mm	3.8 mm	3.30mm	2.5mm	WAVE SOLDERING
2.6 mm	3.8 mm	2.80mm	2.5mm	PIP



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

NOTES:

1. HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL 94V-0, COLOR- BLUE
2. CONTACT: COPPER ALLOY, 0.25mm THICKNESS, 30μ" MIN. GOLD PLATED ON CONTACT AREA, 120μ" MIN. MATTE TIN PLATED ON SOLDERING TAIL, 80μ" MIN. NICKEL UNDER-PLATED OVERALL
3. METAL SHELL: STAINLESS STEEL, 0.25mm THICKNESS, 30μ" MIN. NICKEL UNDER-PLATED OVERALL
4. REAR SHELL: STAINLESS STEEL, 0.25mm THICKNESS
5. THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS MATERIALS PER DIRECTIVE 2011/65/EC FOR RoHS AND PER IEC 61249-2-21 FOR HALOGEN FREE COMPLIANT.



TOLERANCE		APPROVALS		DATE	TITLE				Amphenol® Amphenol Corporation Amphenol Taiwan Corporation				
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DRAWN	Sondra Sang	01/22/2014	USB 3.1 CONNECTOR STANDARD A, UPRIGHT DIP TYPE 				PART No. GSB4 116 34X HR				
		CHECKED	Chenny Yeh	01/22/2014									
		APPROVED	Hank Hsu	01/22/2014									
ANGULAR ±1°					UNIT mm	SIZE A3	PART No. GSB4 116 34X HR						
UNLESS OTHERWISE SPECIFIED		DWG TYPE	CUST DWG	PROJECT CODE	1536	SCALE NA	SHEET 1 OF 1	DWG No. GSB4116XXXHR			REV. AX1		