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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

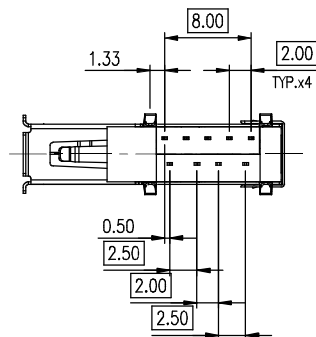
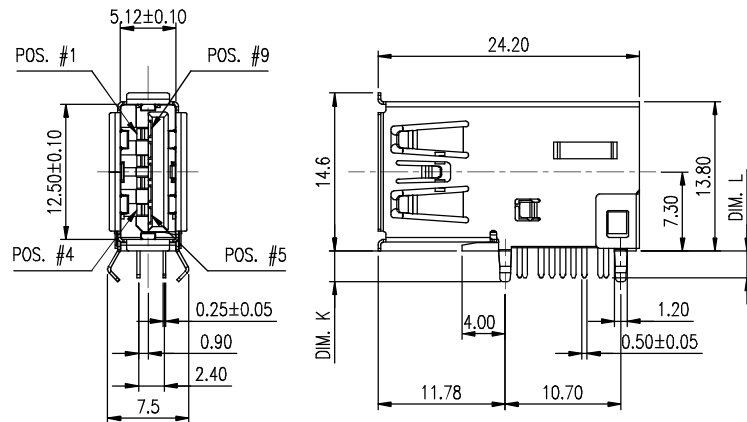
CONTACT FINISH
3: 30μ" GOLD

PLASTIC MATERIAL
4: NYLON, BLUE

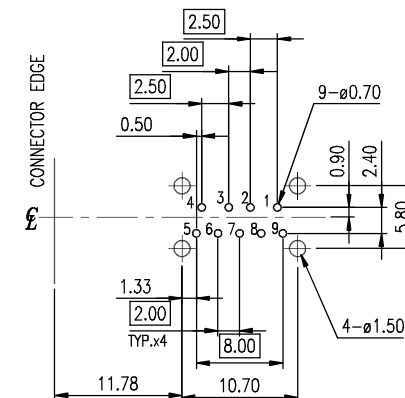
SOLDER TAIL LENGTH
1. DIM. L=1.90 mm
2. DIM. L=2.40 mm
3. DIM. L=2.80 mm
4. DIM. L=3.30 mm

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			PART No.		
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 			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
		CHECKED Chenny Yeh		01/22/2014				GSB4 116 34X HR		
		APPROVED Hank Hsu		01/22/2014				REV. AX1		
ANGULAR ±1°		DWG TYPE		PROJECT CODE	UNIT	SIZE	PART No.			
UNLESS OTHERWISE SPECIFIED		CUST DWG		T536	mm	A3	GSB4 116 34X HR			
					SCALE	SHEET	DWG No.			
					NA	1 OF 1	GSB4116XXXHR			