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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.



ORIGINAL

PART NUMBER:
GSB4 116 3 4 X HR

CONTACT FINISH
3: 30μ" GOLD

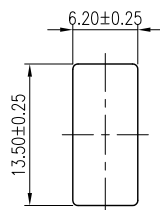
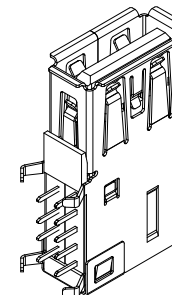
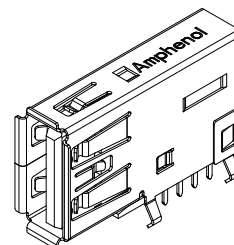
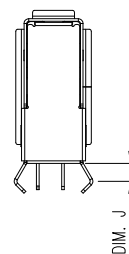
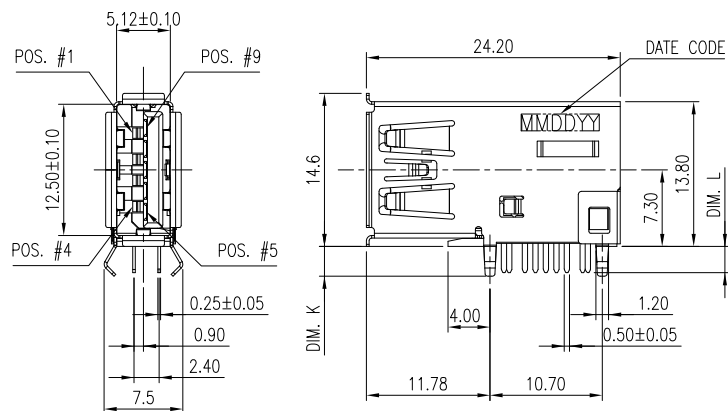
PLASTIC MATERIAL
4: NYLON, BLUE

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

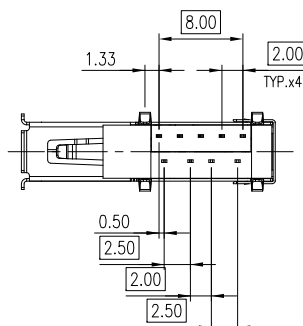


PIN #	SIGNAL NAME
1	VBUS
2	D-
3	D+
4	GND
5	SSRX-
6	SSRX+
7	GND_DRAIN
8	SSTX-
9	SSTX+
SHELL	SHIELD

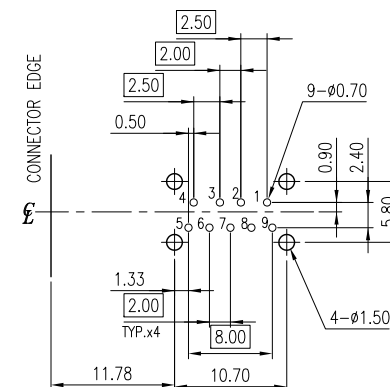
PIN ASSIGNMENT



RECOMMENDED PANEL CUTOUT



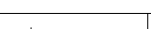
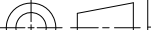
DIM. J	DIM. K	DIM. L	PCB THICKNESS	PROCESS
1.7 mm	2.8 mm	2.40mm	1.6mm	WAVE SOLDERING
1.7 mm	2.8 mm	1.90mm	1.6mm	PIP
2.6 mm	3.8 mm	3.30mm	2.5mm	WAVE SOLDERING
2.6 mm	3.8 mm	2.80mm	2.5mm	PIP



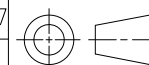
RECOMMENDED PCB LAYOUT- TOP VIEW
(OTHER GENERAL TOLERANCES: ±0.05)

NOTES:

- HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL 94V-0, COLOR- BLUE
- 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
- METAL SHELL: STAINLESS STEEL, 0.25mm THICKNESS, 30μ" MIN. NICKEL UNDER-PLATED OVERALL
- REAR SHELL: STAINLESS STEEL, 0.25mm THICKNESS
- 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 USB 3.1 CONNECTOR STANDARD A, UPRIGHT DIP TYPE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation							
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DRAWN		Sondra Sang								2/10/2017				
		CHECKED		Chenny Yeh								2/10/2017				
		APPROVED		Hank Hsu								2/10/2017				
ANGULAR ±1°								UNIT mm		SIZE A3		PART No. GSB4 116 34X HR				
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE T536					SCALE NA		SHEET 1 OF 1		DWG No. GSB411634XHR		REV. B	

Amphenol®
Amphenol Corporation
Amphenol Taiwan Corporation



UNIT mm
SCALE NA
SHEET 1 OF 1

SIZE A3

PART No. GSB4 116 34X HR
DWG No. GSB411634XHR

REV. B

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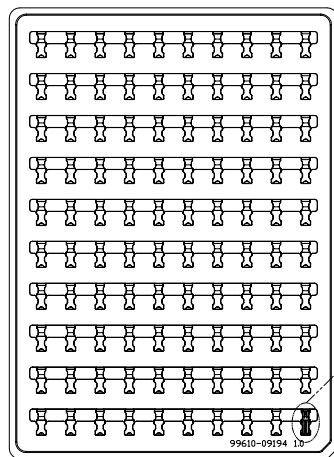
The marking on this product doesn't contain environmental hazardous material and must follow one or more specifications per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EC for RoHS compliant or per IEC 61249-2-21 for Halogen Free compliant.



ORIGINAL

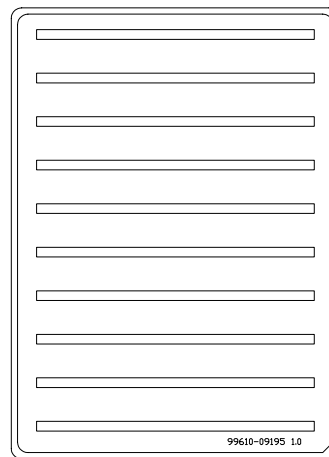
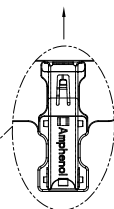


REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
A	NE-14016	RELEASE TO PRODUCTION	01/24/2014	Sondra Sang
B	NE-17028	ADDED NOTE 5	02/10/2017	Sondra Sang

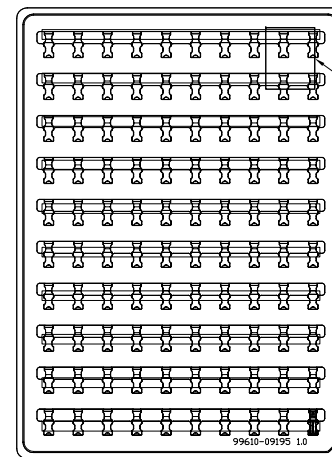


BOTTOM COVER
t=0.7mm MIN.

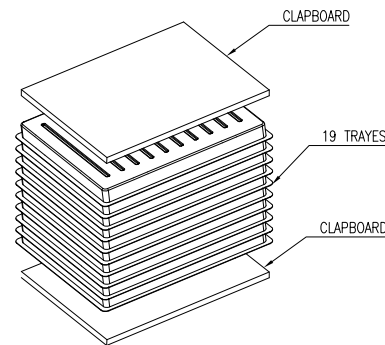
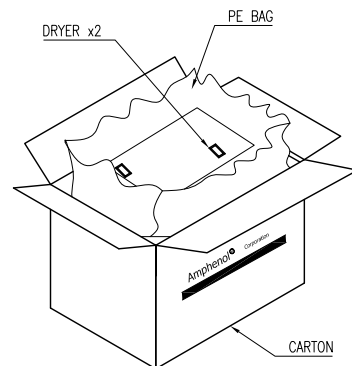
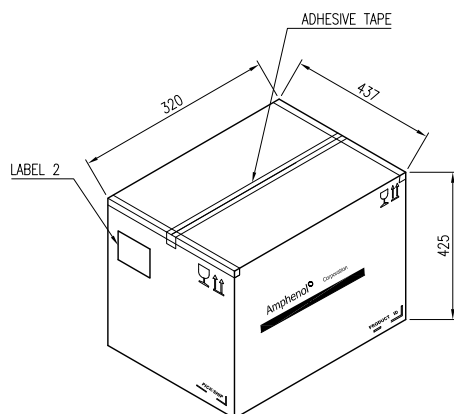
CONNECTOR FORWARD



TOP COVER
t=0.5mm MIN.



LABEL 1



P/N : GSB3116XXXHR	P/N OPTIONAL
Q'TY : 100	LABEL 1 = Q'TY : 100
P/O : 411-012345-001	LABEL 2 = Q'TY : 1900
DATE : 07/31/2013	
MM/DD/YYYY	
G.W : 15.00 KG	HF
Amphenol Taiwan Corporation	

LABEL 1 & LABEL 2

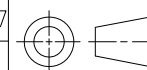
PART NO.	PCS. / TRAY	TRAY / CARTCON	N.W.	G.W.
GSBX116XXXHR	100 PCS.	100X19=1900 PCS.	*	*

("**") FOR REFERENCE

NOTES:

1. MATERIAL: TRAY- PET
3. THE BARCODE MUST BE 3 OF 9 BARCODE
4. COMPONENTS LOAD PER THE TRAY: 100 PCS.
5. STORAGE CONDITION MUST FOLLOW MSL (MOISTURE SENSITIVITY LEVEL) 1
6. THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS MATERIALS PER DIRECTIVE 2011/65/EC FOR RoHS COMPLIANT

TOLERANCE	APPROVALS	DATE	TITLE		Amphenol®	
X. ±0.20	DESIGNED Sondra Sang	2/10/2017	USB3.0/ 3.1 CONNECTORS A TYPE, UPRIGHT TRAY PACKING		Amphenol Corporation Amphenol Taiwan Corporation	
X.X ±0.15	CHECKED Chenny Yeh	2/10/2017				
X.XX ±0.10	APPROVED Hank Hsu	2/10/2017				
X.XXX ±0.05	DWG TYPE ENG DWG	PROJECT CODE T536	UNIT mm		PART No. GSBX 116 XXX HR	
ANGULAR ±1°			SCALE NA		DWG No. PKS_GSBX116P01HR	
UNLESS OTHERWISE SPECIFIED			SHEET 1 OF 1		REV. B	



UNIT	mm
SCALE	NA

SHEET	1 OF 1
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PART No.	GSBX 116 XXX HR
DWG No.	PKS_GSBX116P01HR
REV.	B