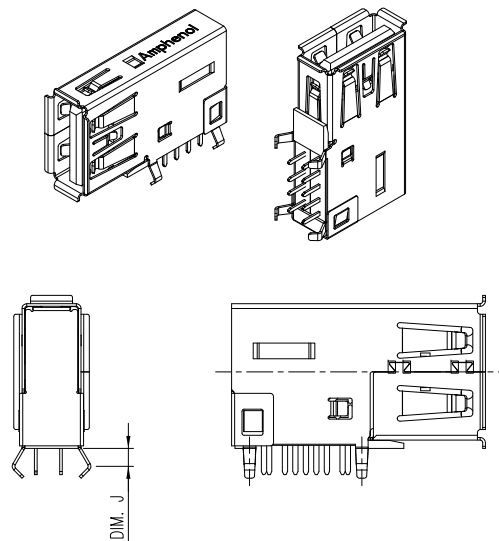
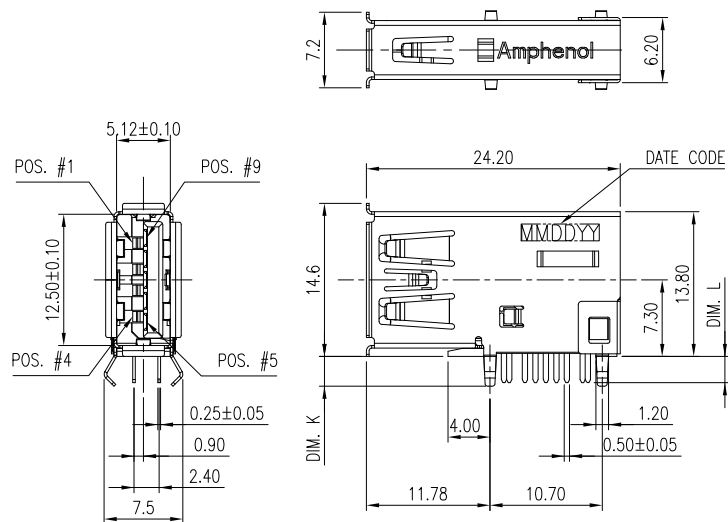


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The marking on this product doesn't contain environmental hazardous material and must follow one or more specifications per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EC for RoHS compliant or per IEC 61249-2-21 for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

ORIGINAL

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
A	NE-13196	RELEASE TO PRODUCT	12/09/2013	Sondra Sang
B	NE-14051	MODIFIED SHELL	03/31/2014	Sondra Sang
C	NE-15142	ADDED TAIL LENGTH OPTIONS	11/06/2015	Sondra Sang
D	NE-17028	ADDED PANEL CUTOUT	02/10/2017	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

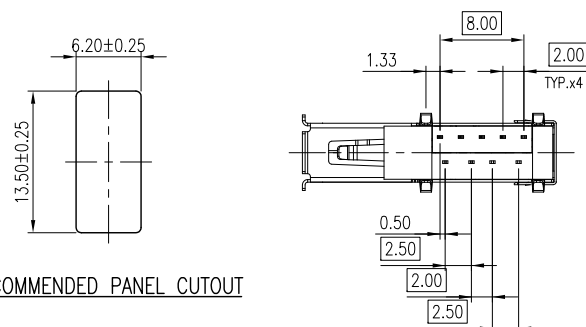
PART NUMBER:
GSB3 116 3 4 X HR

CONTACT FINISH
3: 30μ" GOLD

PLASTIC MATERIAL
4: NYLON, BLUE

SOLDER TAIL LENGTH

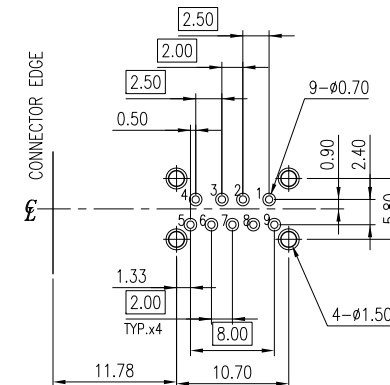
1. DIM. L=1.90 mm
2. DIM. L=2.40 mm
3. DIM. L=2.80 mm
4. DIM. L=3.30 mm
5. DIM. L=3.90 mm
6. DIM. L=4.40 mm



RECOMMENDED PANEL CUTOUT

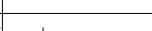
NOTES:

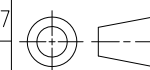
1. HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL 94V-0, COLOR- BLUE
2. CONTACT: COPPER ALLOY, 0.25mm THICKNESS, 30μ" MIN. GOLD PLATED ON CONTACT AREA, 120μ" MIN. MATTE TIN PLATED ON SOLDERING TAIL, 80μ" MIN. NICKEL UNDER-PLATED OVERALL
3. METAL SHELL: STAINLESS STEEL, 0.25mm THICKNESS, 30μ" MIN. NICKEL 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.



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

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
3.7 mm	4.8 mm	4.40mm	3.6mm	WAVE SOLDERING
3.7 mm	4.8 mm	3.90mm	3.6mm	PIP

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	2/10/2017	USB 3.0 CONNECTOR STANDARD A, UPRIGHT DIP TYPE		UNIT mm	SIZE A3	PART No. GSB3 116 34X HR		
	CHECKED	Chenny Yeh	2/10/2017							
	APPROVED	Hank Hsu	2/10/2017							
ANGULAR ±1°										
UNLESS OTHERWISE SPECIFIED	DWG TYPE CUST DWG	PROJECT CODE T536				SCALE NA	SHEET 1 OF 1	DWG No. GSB31163XXHR	REV. D	



USB 3.0 CONNECTOR
STANDARD A, UPRIGHT
DIP TYPE

Amphenol®
Amphenol Corporation
Amphenol Taiwan Corporation

UNIT mm
SCALE NA
SHEET 1 OF 1

SIZE A3
SHEET 1 OF 1

PART No. GSB3 116 34X HR
DWG No. GSB31163XXHR
REV. D

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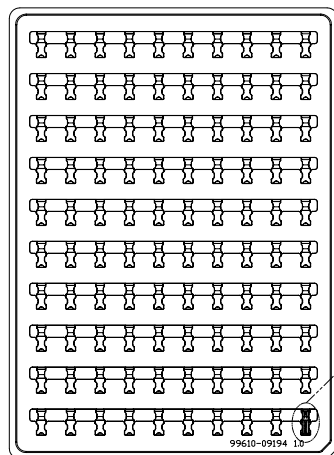
The marking on this product doesn't contain environmental hazardous material and must follow one or more specifications per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EC for RoHS compliant or per IEC 61249-2-21 for Halogen Free compliant.



ORIGINAL

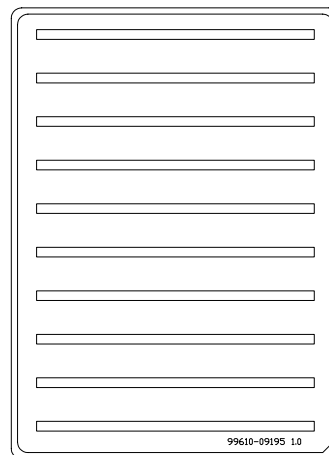
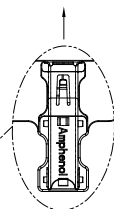


REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
A	NE-14016	RELEASE TO PRODUCTION	01/24/2014	Sondra Sang
B	NE-17028	ADDED NOTE 5	02/10/2017	Sondra Sang

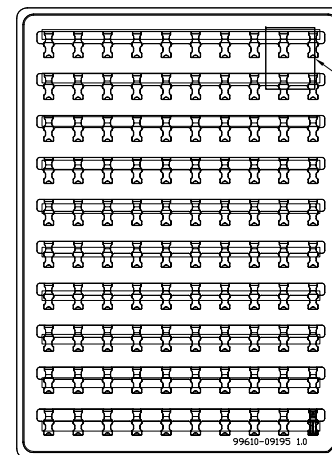


BOTTOM COVER
t=0.7mm MIN.

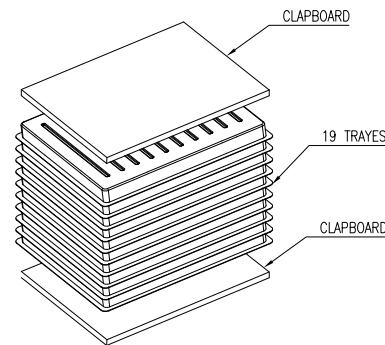
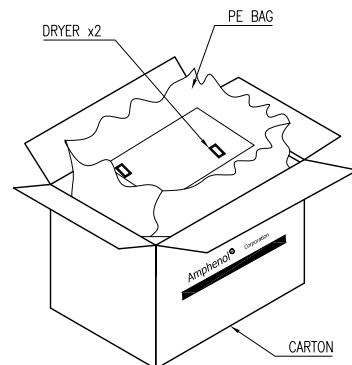
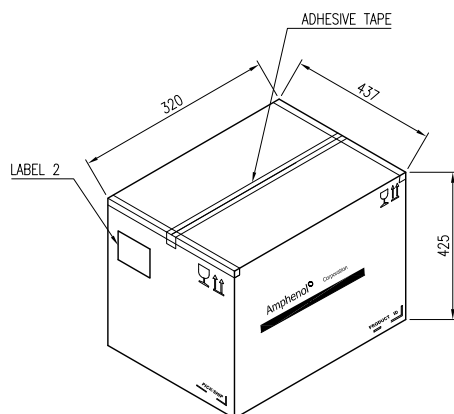
CONNECTOR FORWARD



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

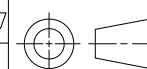
PART NO.	PCS. / TRAY	TRAY / CARTCON	N.W.	G.W.
GSBX116XXXHR	100 PCS.	100X19=1900 PCS.	*	*

(" " ") 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

PART No.	GSBX 116 XXX HR
DWG No.	PKS_GSBX116P01HR
REV.	B