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The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EU for RoHS compliant.

ORIGINAL

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
A	NE-13133	RELEASE	08/09/2013	HANK HSU
B	NE-13177	MODIFIED LEAD-IN CHAMFER	11/01/2013	HANK HSU
C	NE-13204	HOUSING LATCH POINT RECOVERY	12/17/2013	HANK HSU

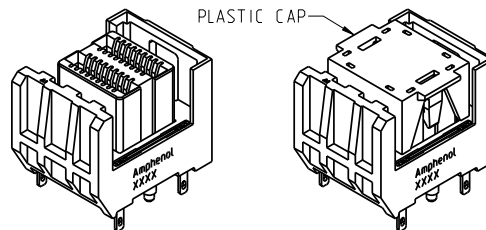
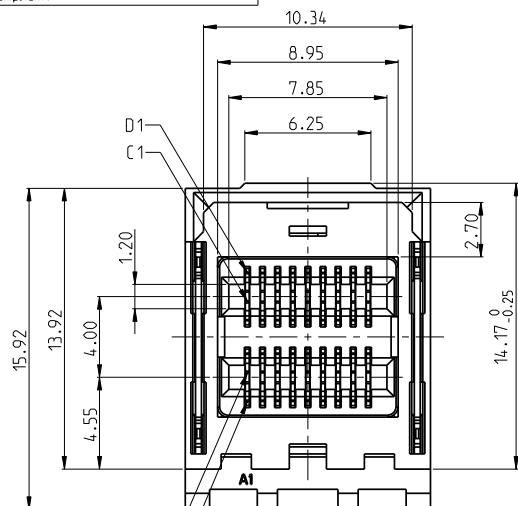
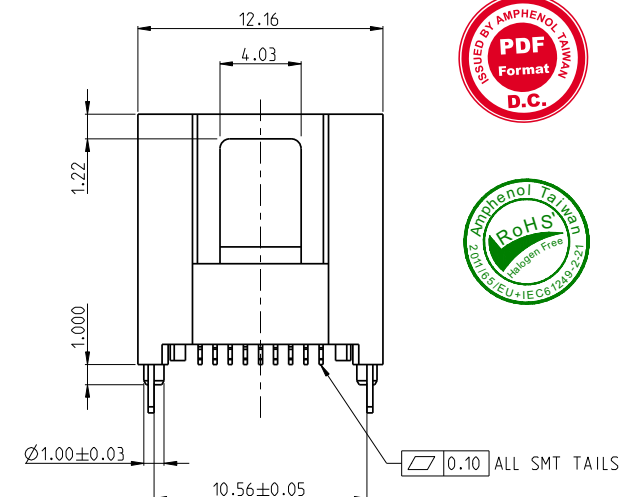
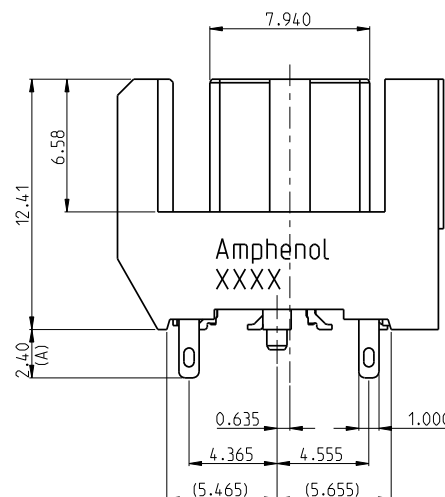
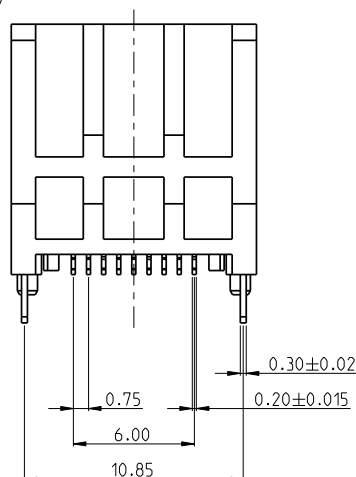
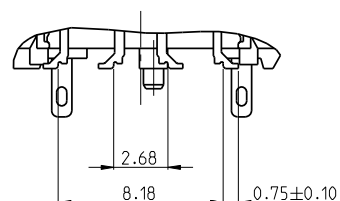


TABLE 1

DIM A	APPLICABLE PCB THK
2.40	1.57~1.60
3.59	2.36~2.79
3.98	3.18

PART NUMBER SYSTEM

G40H	3	X	X	X	X	X	XX	-	X
Mini SAS HD Integrated Connector									
Connector Style 3: V/T, w/anti-reverse wall									
Number of Integration X: OPTION 1: 1X1 2: 1X2									
Contact Finish X: OPTION 3: 30u" Gold									
Terminal Style X: OPTION 2: SMT, 100u" MIN MATTE TIN PLATING									
Verification Code X: OPTION BLANK: STANDARD									
Compliant Code XX: OPTION HR: Halogen-Free & RoHS									
BOARDLOCK CODE X: OPTION 1: 2.40 mm 2: 3.59 mm 3: 3.98 mm									
Variation Code X: OPTION 1: with Cap 2: without Cap									
Packing Code X: OPTION 1: Tray 2: Tape & Reel									



NOTES:

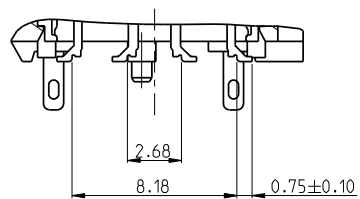
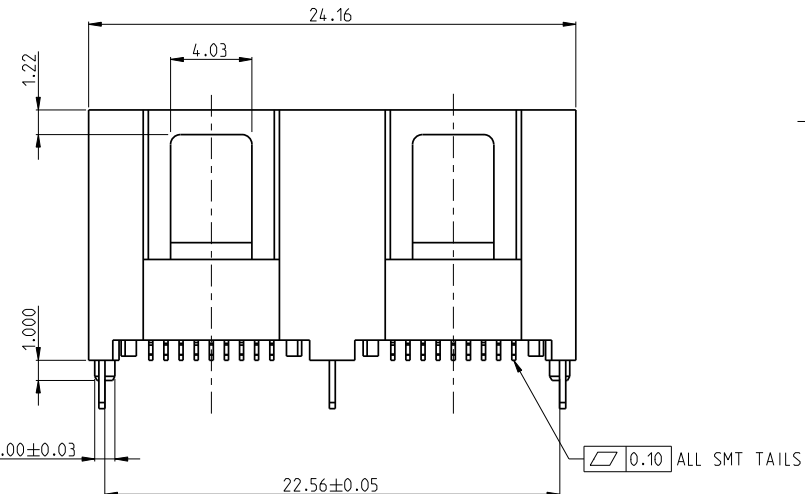
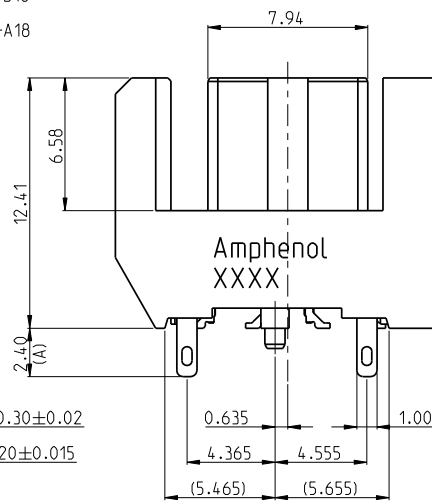
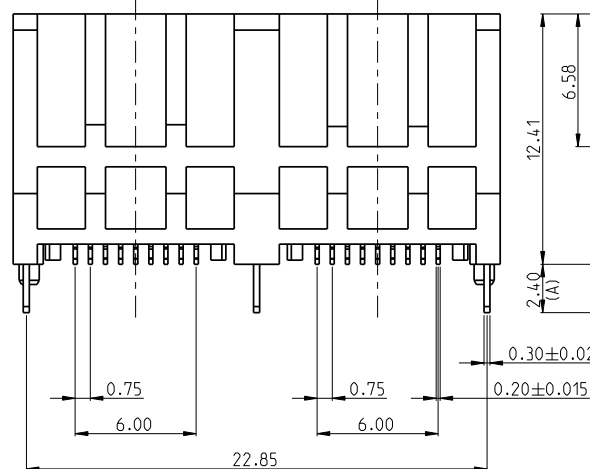
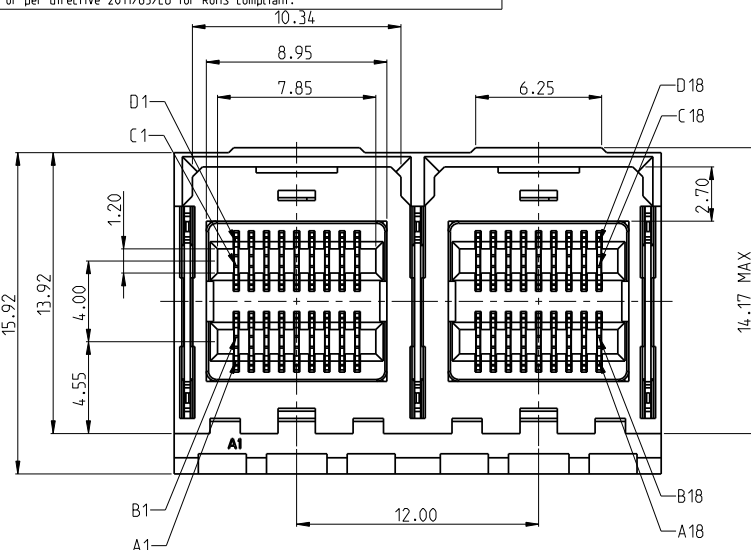
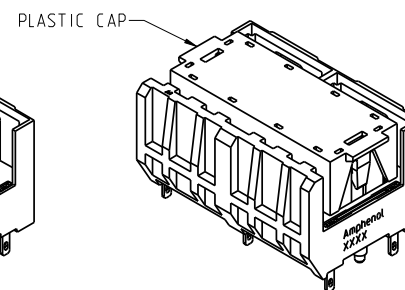
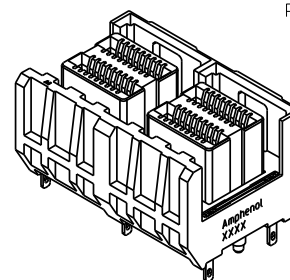
- INSULATOR: HIGH TEMPERATURE THERMOPLASTIC UL94V-0. COLOR: BLACK
- TERMINAL: COPPER ALLOY
CONTACT AREA: OPTION
TAIL AREA: OPTION
UNDER PLTING.: NICKEL 100u" MIN.
- THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS PER DIRECTIVE 2011/65/EUC FOR RoHS AND PER IEC 61249-2-21 FOR HALOGEN-FREE COMPLIANT.

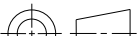
TOLERANCE		DRAWN APPROVALS		DATE		TITLE			Amphenol®		
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DESIGNED Hank Hsu		12/17/2013		MINI SAS HD INTEGRATED CONNECTOR 0.75 PITCH, V/T, SMT TYPE			Amphenol Corporation Amphenol Taiwan Corporation		
		CHECKED Sondra Sang		12/17/2013							
		APPROVED Hank Hsu		12/17/2013							
ANGULAR ±2°								UNIT mm	SIZE A3	PART No. G40H3XXXXXXHR-C	
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE T515				SCALE NA	SHEET 1 OF 3	DWG No. G40H3XXXXXXHR-C	REV. C

The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EU for RoHS compliant.

REVISIONS

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C	NE-13204	HOUSING LATCH POINT RECOVERY	12/17/2013	HANK HSU



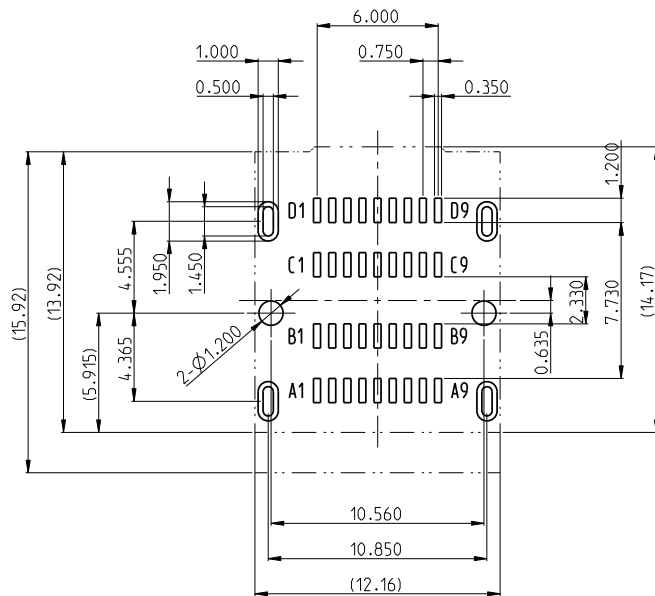
TOLERANCE		DRAWN APPROVALS		DATE		TITLE		Amphenol® Amphenol Corporation Amphenol Taiwan Corporation			
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DESIGNED Hank Hsu		12/17/2013		MINI SAS HD INTEGRATED CONNECTOR 0.75 PITCH, V/T, SMT TYPE					
		CHECKED Sondra Sang		12/17/2013							
		APPROVED Hank Hsu		12/17/2013							
ANGULAR ±2°						UNIT mm SIZE A3		PART No. G40H3XXXXXXHR-C			
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE T515		SCALE NA SHEET 2 OF 3		DWG No. G40H3XXXXXXHR-C REV. C			

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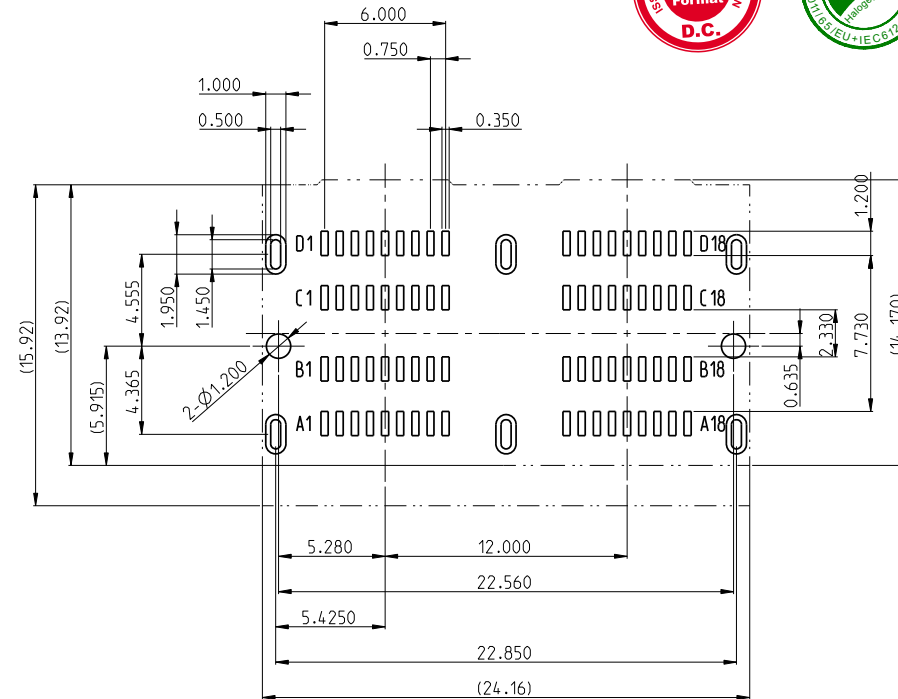
The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00299 for Sony GP compliant or per directive 2011/65/EU for RoHS compliant.

ORIGINAL

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1X1 RECOMMENDED PCB LAYOUT
(ALL TOLERANCES ARE ± 0.05)



1X2 RECOMMENDED PCB LAYOUT
(ALL TOLERANCES ARE ± 0.05)

NOTES:

1. RECOMMENDED PCB HOLE $\varnothing 1.20$ IS NPTH FOR ORIENTATION POST.
2. RECOMMENDED PCB ELLIPTICAL HOLE 0.5×1.45 IS PTH FOR BOARD-LOCK.
3. MINIMUM PCB THICKNESS: 1.57MM
4. PIN ASSIGNMENTS PLEASE REFER TO SERIAL ATTACHED SCSI-3 (SAS-3) STANDARD.

TOLERANCE	DRAWN	APPROVALS	DATE	TITLE		Amphenol®		
X.	DESIGNED	Hank Hsu	12/17/2013	MINI SAS HD INTEGRATED CONNECTOR 0.75 PITCH, V/T, SMT TYPE		Amphenol Corporation Amphenol Taiwan Corporation		
X.X ± 0.30	CHECKED	Sondra Sang	12/17/2013					
X.XX ± 0.20	APPROVED	Hank Hsu	12/17/2013					
X.XXX ± 0.10	DWG TYPE	CUST DWG	PROJECT CODE	1515	UNIT	mm	SIZE	A3
ANGULAR $\pm 2^\circ$	SCALE	NA	SHEET	3 OF 3	DWG No.	G40H3XXXXXXHR-C	REV.	C
UNLESS OTHERWISE SPECIFIED						G40H3XXXXXXHR-C		