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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

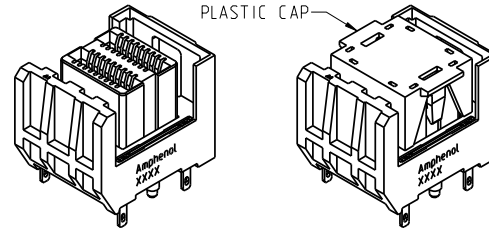
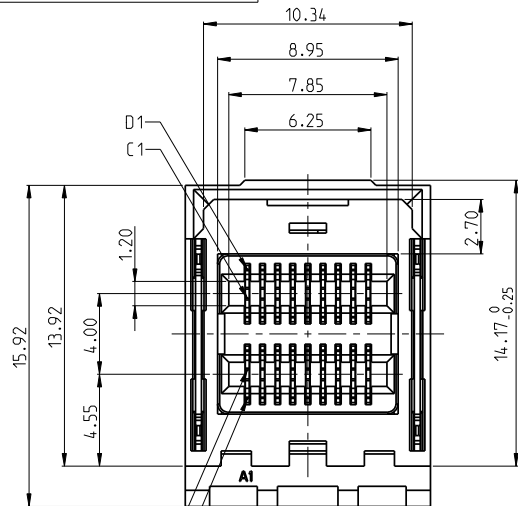


TABLE 1

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

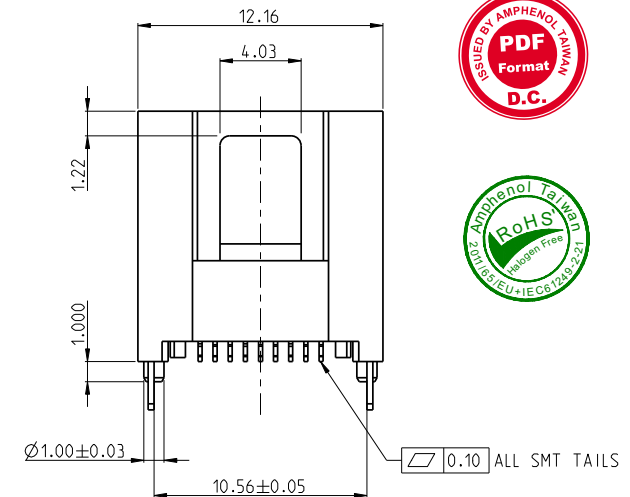
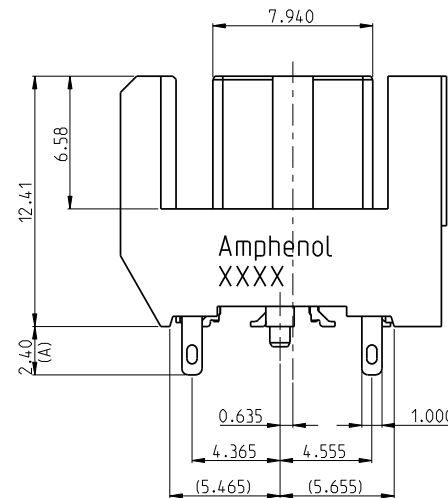
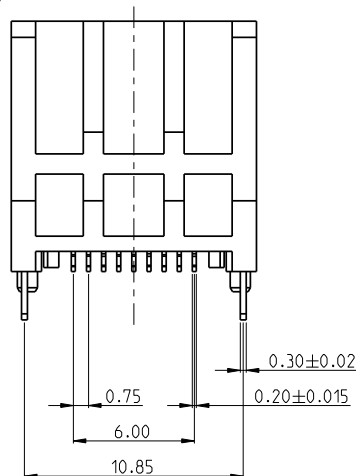
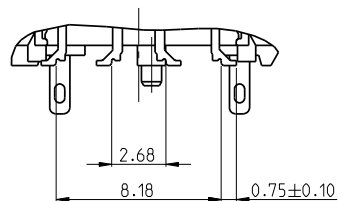
Verification Code
X: OPTION
BLANK: STANDARD

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.

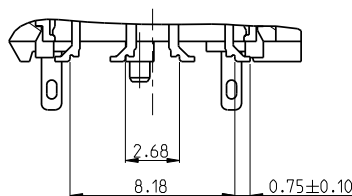
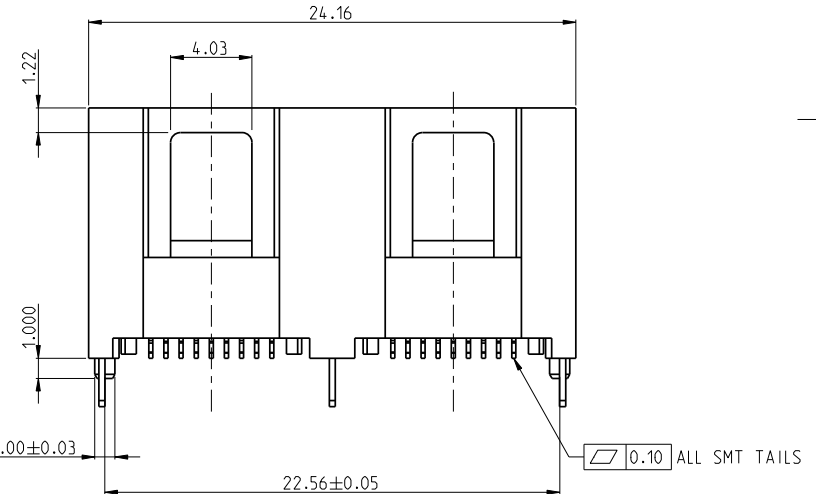
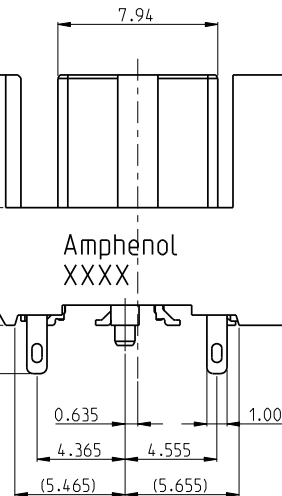
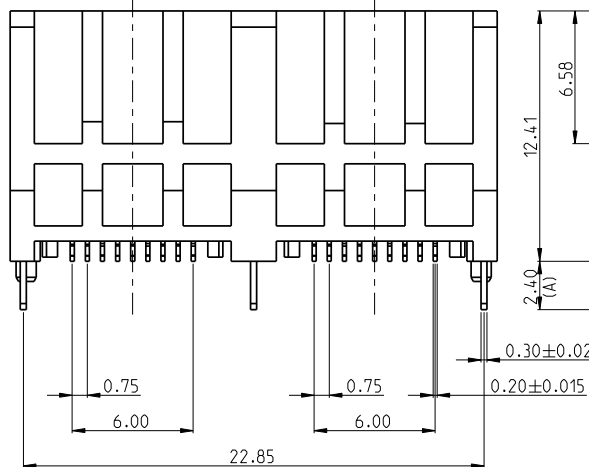
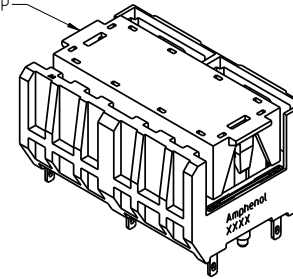
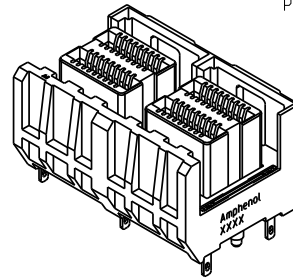
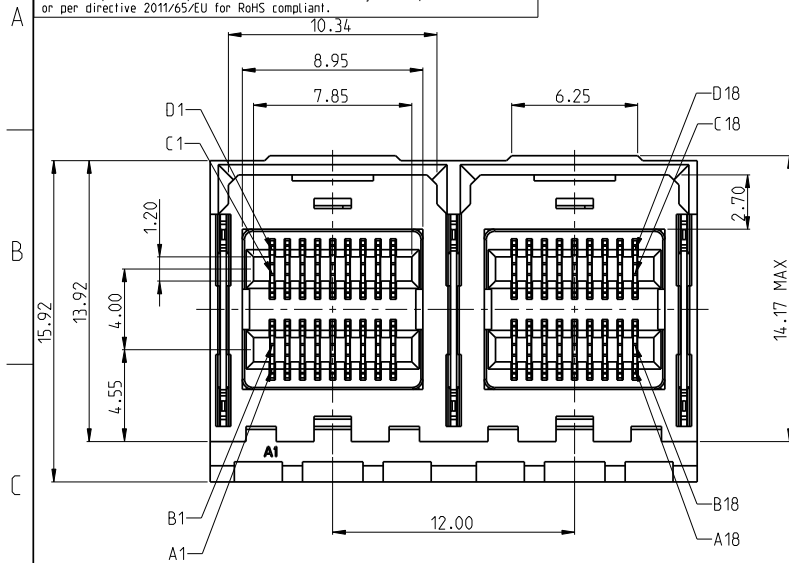
TOLERANCE		DRAWN APPROVALS		DATE	TITLE			Amphenol®						
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 ANGULAR ±2°		DESIGNED	Hank Hsu	12/17/2013	MINI SAS HD INTEGRATED CONNECTOR 0.75 PITCH, V/T, SMT TYPE			Amphenol Corporation Amphenol Taiwan Corporation						
		CHECKED	Sondra Sang	12/17/2013										
		APPROVED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

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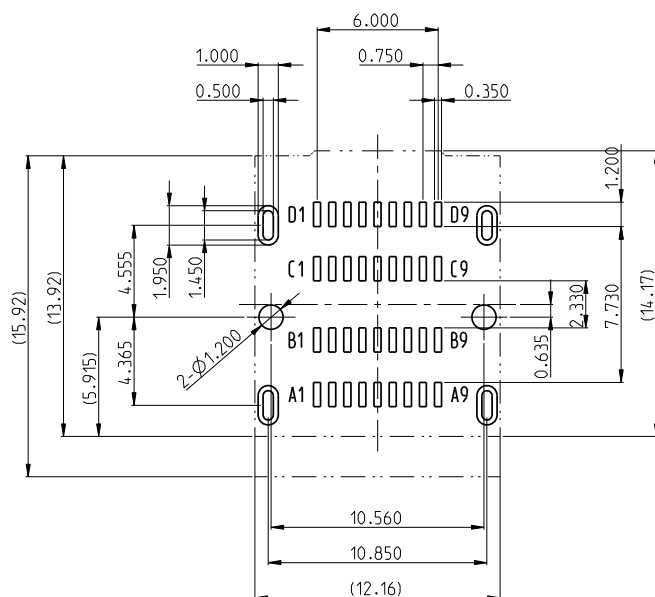
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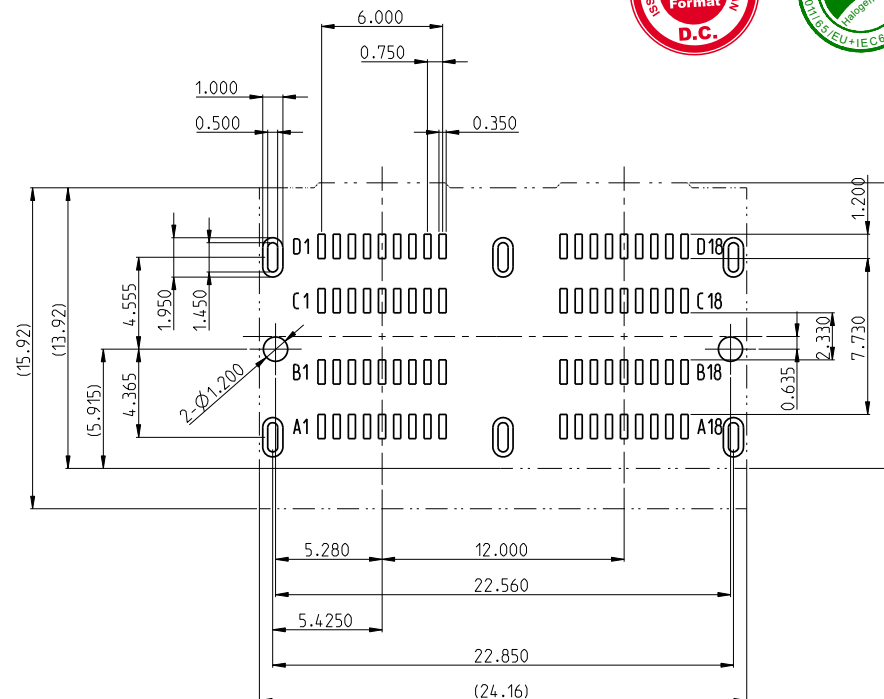
TOLERANCE	DRAWN	APPROVALS	DATE	TITLE	Amphenol® Amphenol Corporation Amphenol Taiwan Corporation			
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10	DESIGNED	Hank Hsu	12/17/2013	MINI SAS HD INTEGRATED CONNECTOR 0.75 PITCH, V/T, SMT TYPE	PART No. G40H3XXXXXXHR			
ANGULAR ±2°	CHECKED	Sondra Sang	12/17/2013		DWG No. G40H3XXXXXXHR			
UNLESS OTHERWISE SPECIFIED	APPROVED	Hank Hsu	12/17/2013		REV. C			
	DWG TYPE	CUST DWG	PROJECT CODE	1515				

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			PART No. G40H3XXXXXXHR		
X.XXX ± 0.10	DWG TYPE	CUST DWG	PROJECT CODE T515			DWG No. G40H3XXXXXXHR		
ANGULAR $\pm 2^\circ$	UNLESS OTHERWISE SPECIFIED			UNIT	mm	SIZE	A3	REV. C
				SCALE	NA	SHEET	3 OF 3	