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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-14070	NEW RELEASE	04/28/2014	HANK HSU
B	NE-14176	ADDED COLOR DESCRIPTION IN NOTES	10/02/2014	HANK HSU

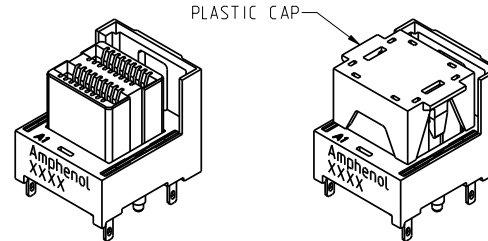
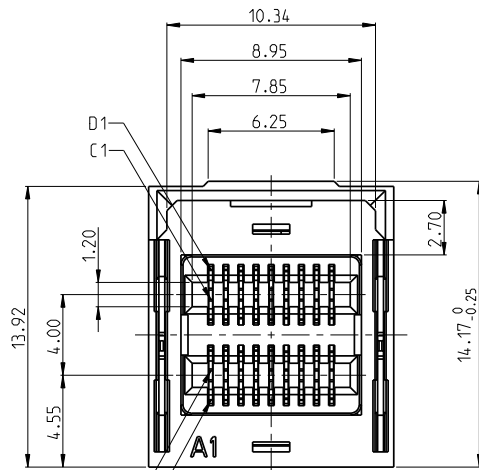
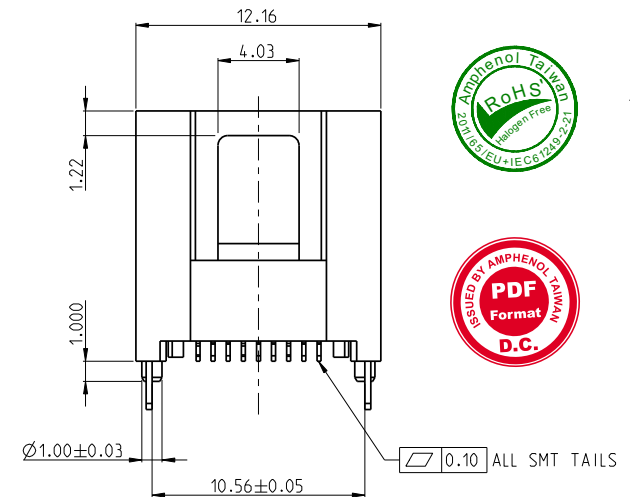
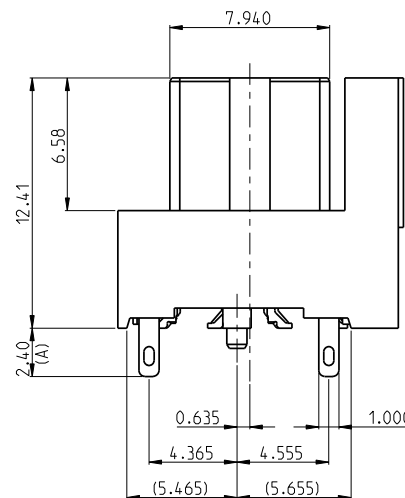
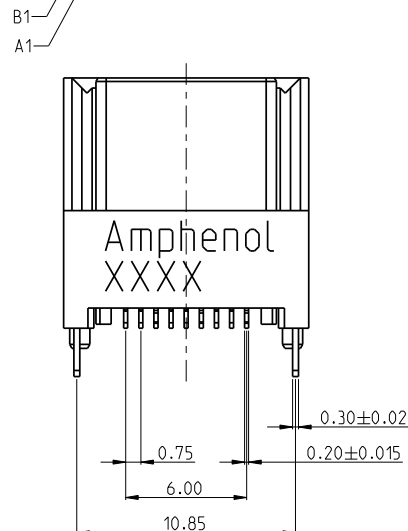


TABLE 1

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

PART NUMBER SYSTEM

Mini SAS HD Integrated Connector	G40H B X X X X X XX - X	Verification Code X: OPTION BLANK: STANDARD
Connector Style B: V/T, 8512		Compliant Code XX: OPTION HR: Halogen-Free & RoHS
Number of Integration X: OPTION 1: 1X1 2: 1X2		BOARDLOCK CODE X: OPTION 1: 2.40 mm 2: 3.59 mm 3: 3.98 mm
Contact Finish X: OPTION 3: 30u" Gold		Variation Code X: OPTION 1: with Cap 2: without Cap
Terminal Style X: OPTION 2: SMT, 100u" MIN MATTE TIN PLATING		Packing Code X: OPTION 1: Tray 2: Tape & Reel 3: Narrow Tray



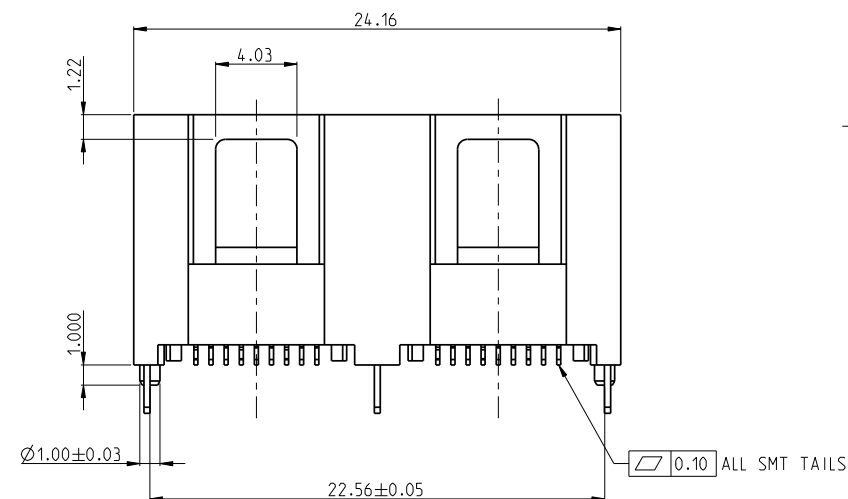
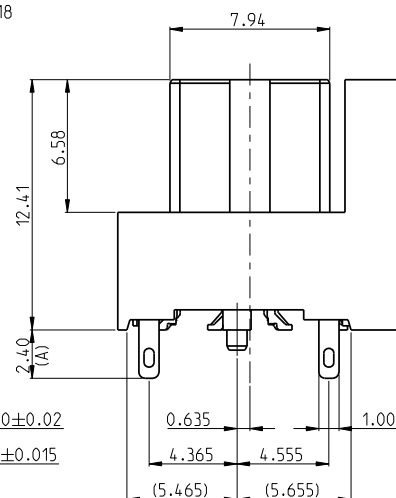
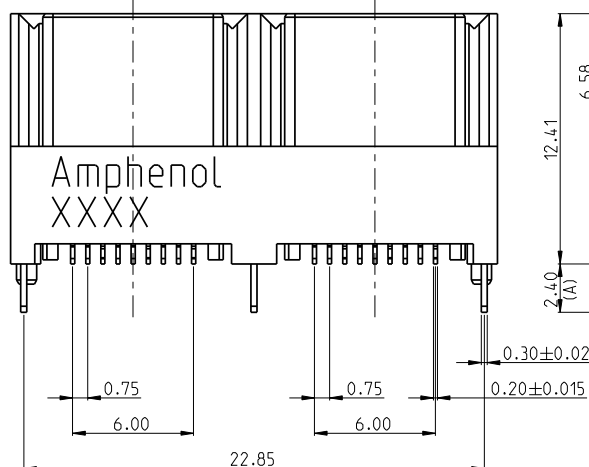
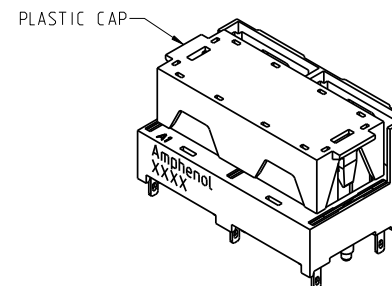
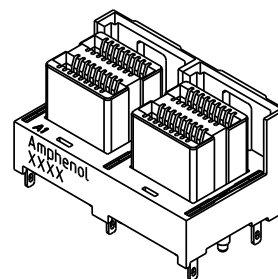
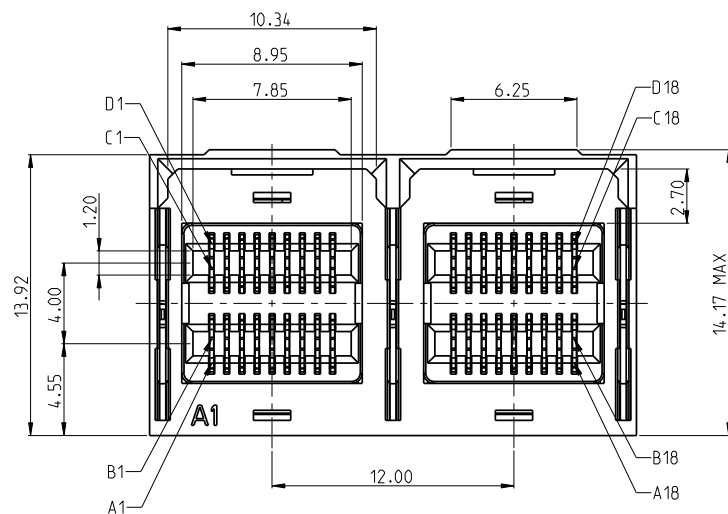
NOTES:

1. INSULATOR: HIGH TEMPERATURE UL94V-0.
COLOR: NC(BRACKET), BK(HOUSING)
2. TERMINAL: COPPER ALLOYBRASS
CONTACT AREA: OPTION
SOLDERING AREA: OPTION
UNDER PLTING.: NI 100u" MIN.
3. THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS
PER DIRECTIVE 2011/65/EU 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	10/02/2014	MINI SAS HD INTEGRATED CONNECTOR 0.75 PITCH, V/T, SMT TYPE			Amphenol Corporation Amphenol Taiwan Corporation						
	CHECKED	Sondra Sang	10/02/2014										
	APPROVED	Hank Hsu	10/02/2014										
ANGULAR ±2°						UNIT	mm	SIZE	A3	PART No. G40HBXXXXXXHR-C			
UNLESS OTHERWISE SPECIFIED	DWG TYPE	CUST DWG	PROJECT CODE			SCALE	NA	SHEET	1 OF 3	DWG No.	G40HBXXXXXXHR-C	REV.	B

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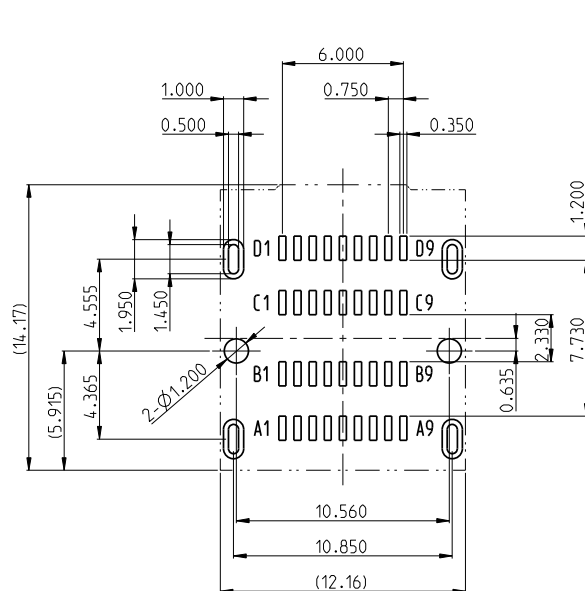
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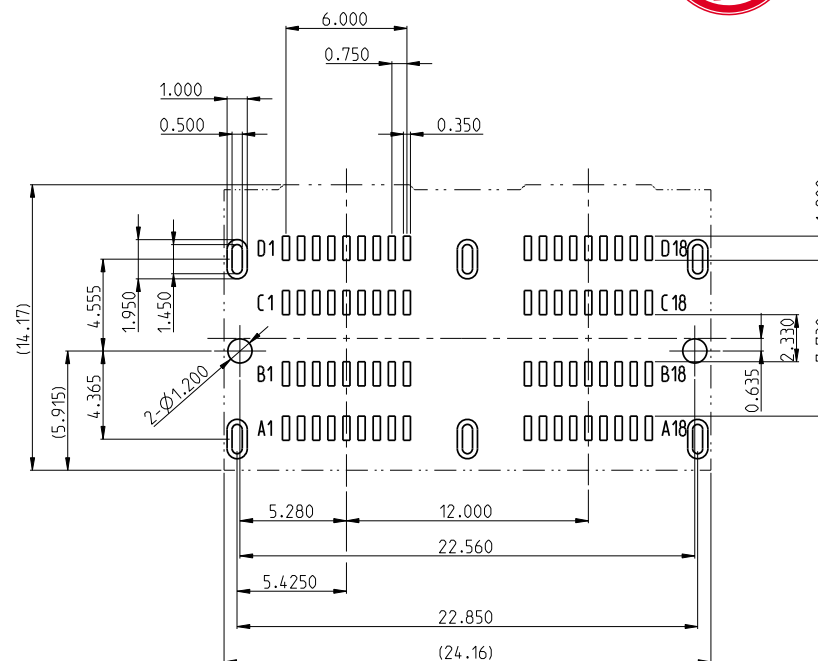
TOLERANCE		DRAWN APPROVALS		DATE		TITLE		Amphenol® Amphenol Corporation Amphenol Taiwan Corporation			
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DESIGNED Hank Hsu		10/02/2014		MINI SAS HD INTEGRATED CONNECTOR 0.75 PITCH, V/T, SMT TYPE					
		CHECKED Sondra Sang		10/02/2014							
		APPROVED Hank Hsu		10/02/2014							
ANGULAR ±2°								UNIT mm	SIZE A3	PART No. G40HBXXXXXXHR-C	
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE T515				SCALE NA	SHEET 2 OF 3	DWG No. G40HBXXXXXXHR-C	REV. B

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 $\phi 1.20$ 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. X.X ± 0.30 X.XX ± 0.20 X.XXX ± 0.10 ANGULAR $\pm 2^\circ$ UNLESS OTHERWISE SPECIFIED	DESIGNED	Hank Hsu	10/02/2014	MINI SAS HD INTEGRATED CONNECTOR 0.75 PITCH, V/T, SMT TYPE		Amphenol Corporation Amphenol Taiwan Corporation	
	CHECKED	Sondra Sang	10/02/2014				
	APPROVED	Hank Hsu	10/02/2014				
DWG TYPE		PROJECT CODE		UNIT		PART No.	REV.
CUST DWG		T515		mm		G40HBXXXXXXHR-C	B
				SCALE		SHEET	
				NA		3 OF 3	