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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

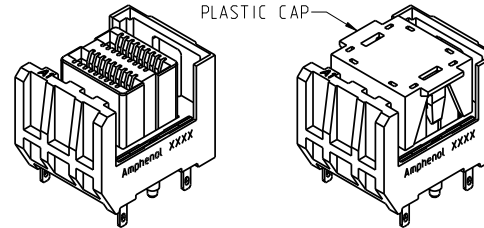
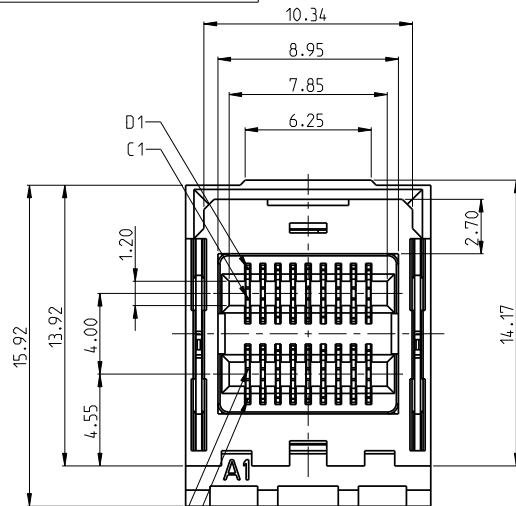
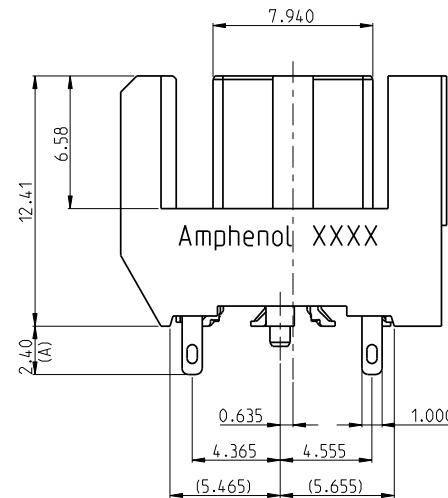
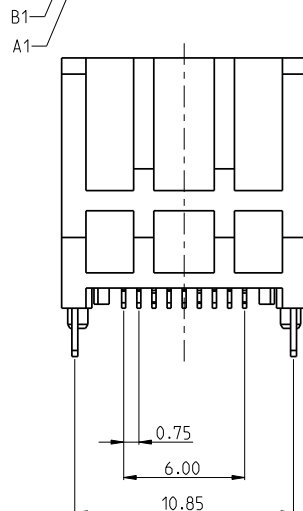


TABLE 1

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

Connector Style
C: V/T, w/anti-reverse wall
85 Ohm

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

G40H C X X X X X XX - X

Verification Code
X: OPTION
BLANK: STANDARD

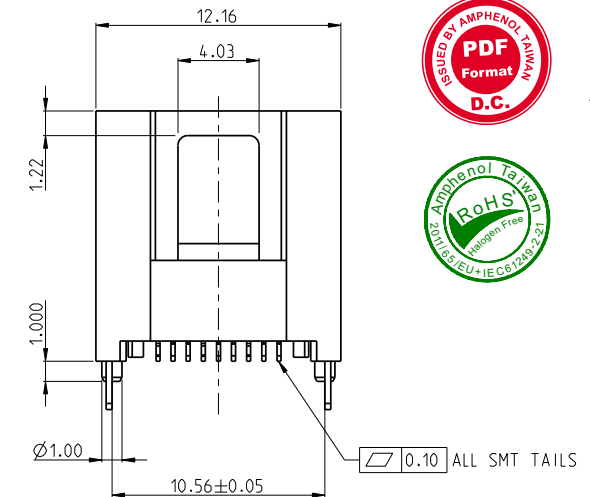
Compliant Code
XX: OPTION
HR: Halogen-Free & RoHS

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
3: Narrow Tray



NOTES:

- INSULATOR: HIGH TEMPERATURE THERMOPLASTIC
UL94V-0, COLOR: NC(BRACKET), BK(HOUSING)
- 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/EU FOR RoHS AND PER IEC 61249-2-21
FOR HALOGEN-FREE COMPLIANT.

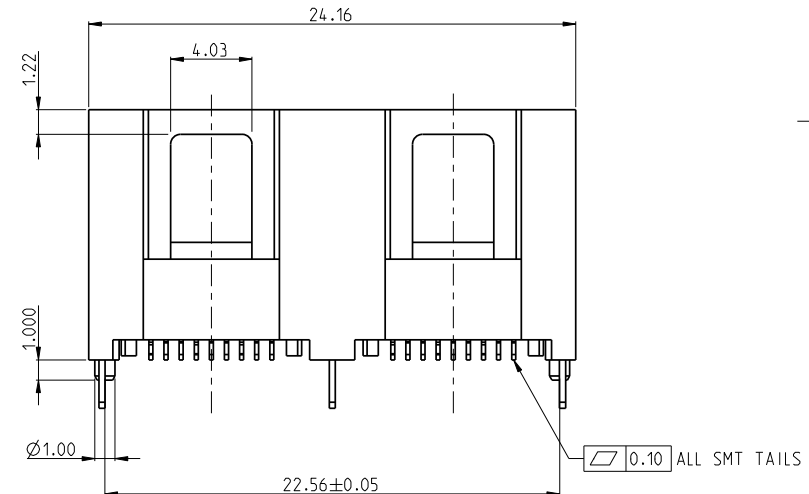
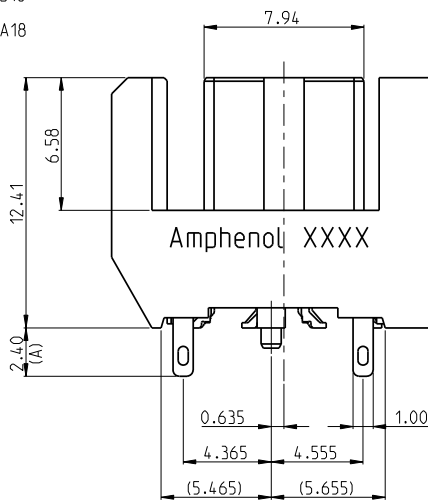
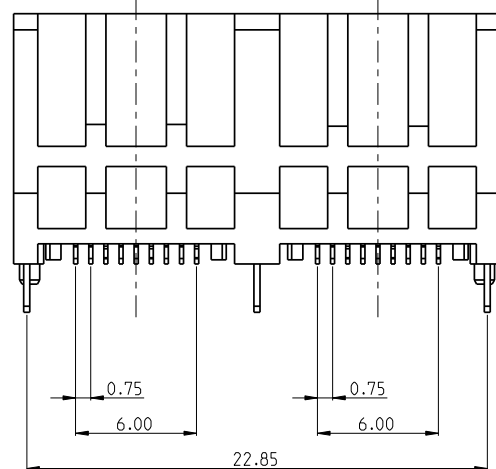
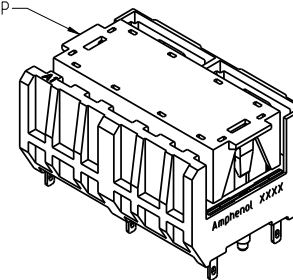
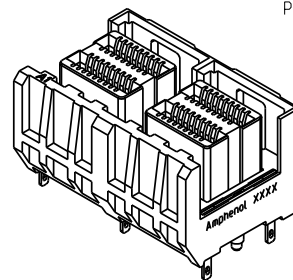
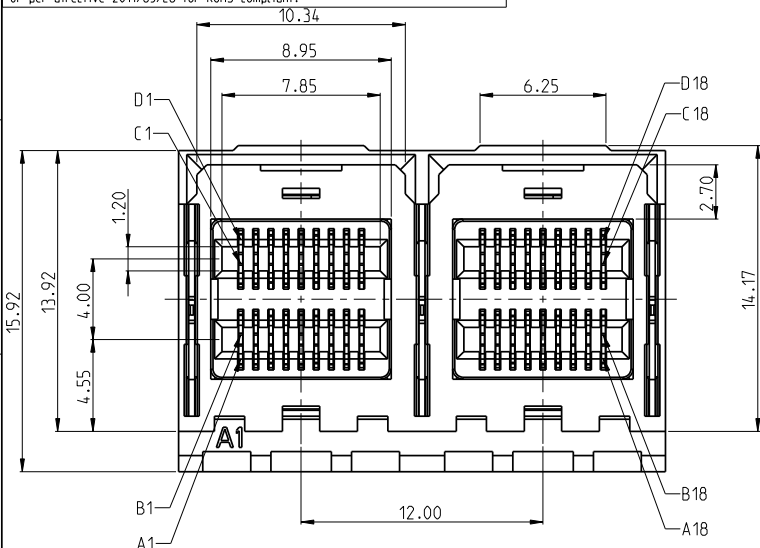
TOLERANCE		DRAWN APPROVALS		DATE	TITLE			Amphenol®		
X.		DESIGNED	Hank Hsu	04/28/2014	MINI SAS HD INTEGRATED CONNECTOR 0.75 PITCH, V/T, SMT TYPE			Amphenol Corporation Amphenol Taiwan Corporation		
X.X ±0.30										
X.XX ±0.20										
X.XXX ±0.10		CHECKED	Sondra Sang	04/28/2014						
ANGULAR ±2°		APPROVED	Hank Hsu	04/28/2014			UNIT mm	SIZE A3	PART No. G40HCXXXXXXHR	
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG	PROJECT CODE T515		SCALE NA		SHEET 1 OF 3	DWG No. G40HCXXXXXXHR	REV. A	

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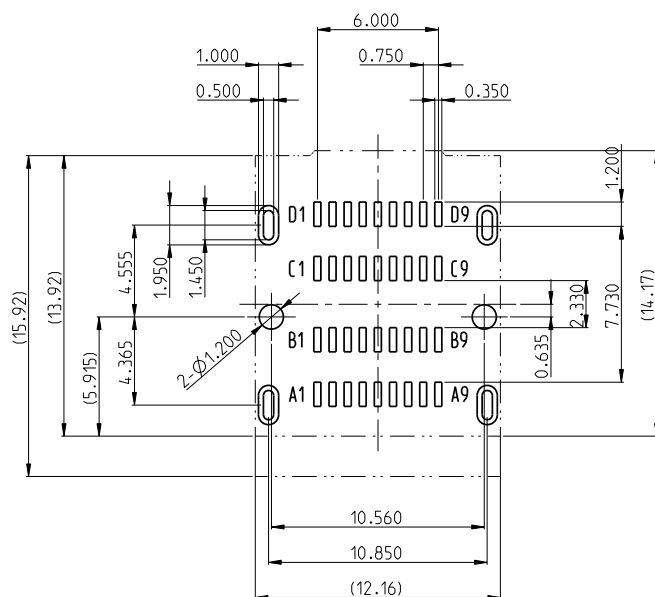


TOLERANCE	DRAWN	APPROVALS	DATE	TITLE	Amphenol® Amphenol Corporation Amphenol Taiwan Corporation			
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10	DESIGNED	Hank Hsu	04/28/2014	MINI SAS HD INTEGRATED CONNECTOR 0.75 PITCH, V/T, SMT TYPE	PART No. G40HCXXXXXXHR			
ANGULAR ±2°	CHECKED	Sondra Sang	04/28/2014		DWG No. G40HCXXXXXXHR			
UNLESS OTHERWISE SPECIFIED	APPROVED	Hank Hsu	04/28/2014		REV. A			
	DWG TYPE	CUST DWG	PROJECT CODE	1515				

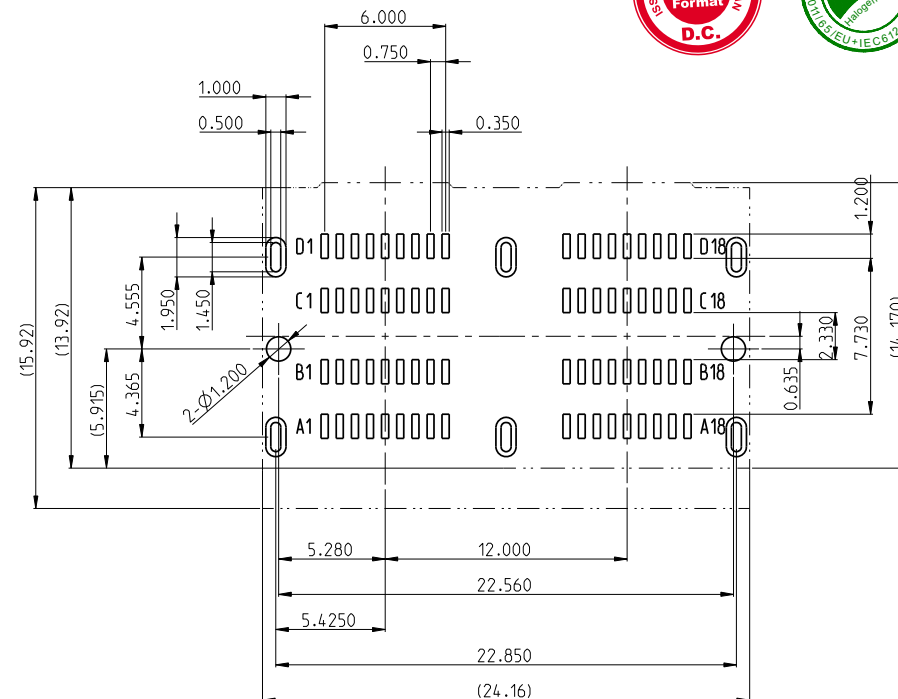
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1X1 RECOMMENDED PCB LAYOUT
(ALL TOLERANCES ARE ± 0.05)



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

1. RECOMMENDED PCB HOLE Ø1.20 IS NPTH FOR ORIENTATION POST.
2. RECOMMENDED PCB ELLIPTICAL HOLE 0.5X1.45 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® Amphenol Corporation Amphenol Taiwan Corporation						
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10	DESIGNED	Hank Hsu	04/28/2014	MINI SAS HD INTEGRATED CONNECTOR 0.75 PITCH, V/T, SMT TYPE									
	CHECKED	Sondra Sang	04/28/2014										
	APPROVED	Hank Hsu	04/28/2014										
ANGULAR ±2°					UNIT	mm	SIZE	A3	PART No.	G40HCXXXXXXHR			
UNLESS OTHERWISE SPECIFIED	DWG TYPE	CUST DWG	PROJECT CODE	T515		SCALE	NA	SHEET	3 OF 3	DWG No.	G40HCXXXXXXHR	REV.	A