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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	NA	RELEASE	04/03/2013	HANK HSU
B	NE-13132	Improved bracket anti-reverse plug function	08/12/2013	HANK HSU
C	NE-13205	HOUSING LATCH POINT RECOVERY	12/17/2013	HANK HSU
D	NE-14147	ADDED NARROW TRAY OPTION IN PACKING CODE	08/05/2014	HANK HSU

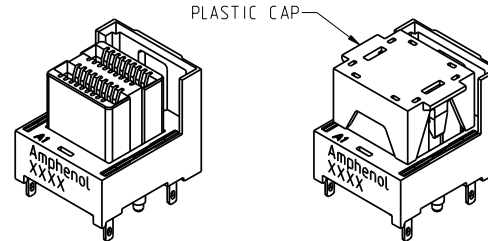
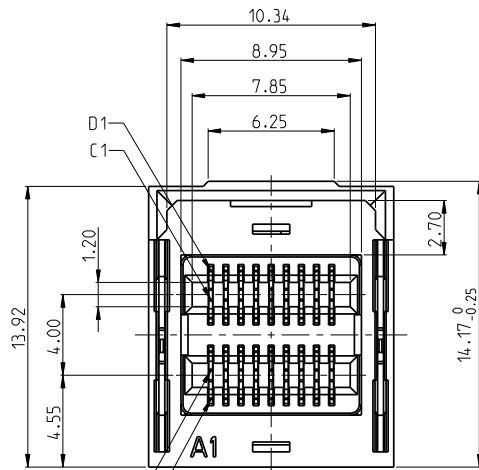
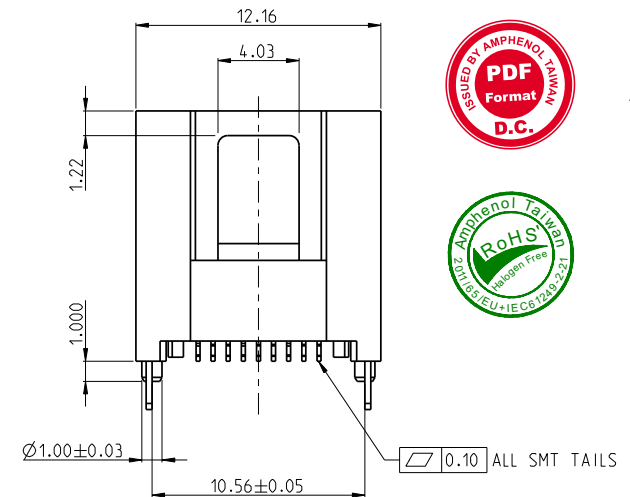
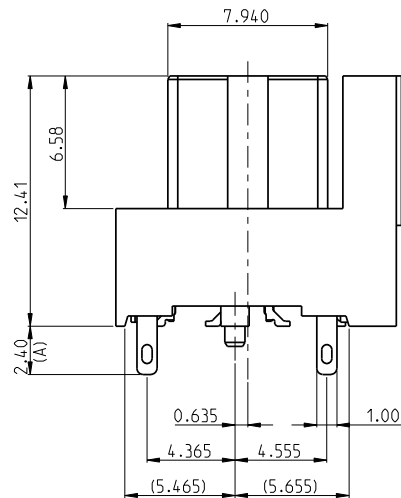
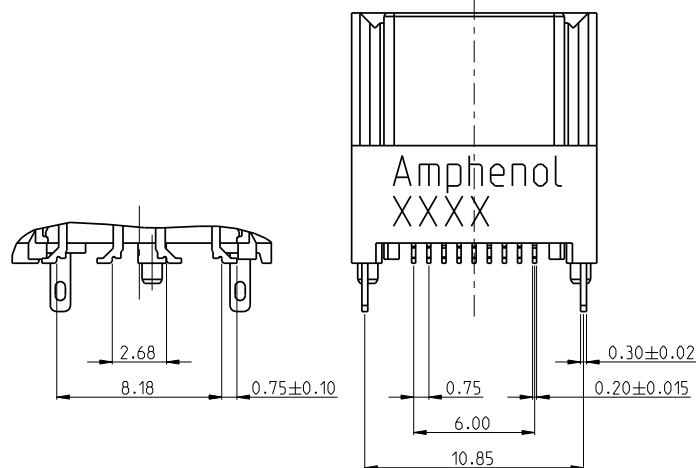


TABLE 1

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

PART NUMBER SYSTEM	
G40H 2 X X X X X XX - X	Verification Code X: OPTION BLANK: STANDARD
Mini SAS HD Integrated Connector	Compliant Code XX: OPTION HR: Halogen-Free & RoHS
Connector Style 2: V/T	BOARDLOCK CODE 1: 2.40 mm 2: 3.59 mm 3: 3.98 mm
Number of Integration X: OPTION 1: 1X1 2: 1X2	Variation Code X: OPTION 1: with Cap 2: without Cap
Contact Finish X: OPTION 3: 30u" Gold	Packing Code X: OPTION 1: Tray 2: Tape & Reel 3: Narrow Tray (G40H21 only)
Terminal Style 2: SMT, 100u" MIN MATTE TIN PLATING	



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° UNLESS OTHERWISE SPECIFIED	DESIGNED	Hank Hsu	08/05/2014	MINI SAS HD INTEGRATED CONNECTOR 0.75 PITCH, V/T, SMT TYPE		Amphenol Corporation Amphenol Taiwan Corporation		
	CHECKED	Sondra Sang	08/05/2014					
	APPROVED	Hank Hsu	08/05/2014					
	DWG TYPE	CUST DWG	PROJECT CODE	1515	UNIT	mm	SIZE	A3
					SCALE	NA	SHEET	1 OF 3
							PART No.	G40H2XXXXXXHR
							DWG No.	G40H2XXXXXXHR
							REV.	D



UNIT mm
SCALE NA
SIZE A3
SHEET 1 OF 3

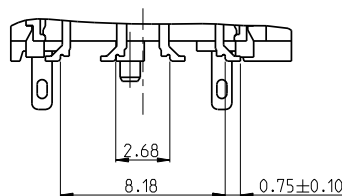
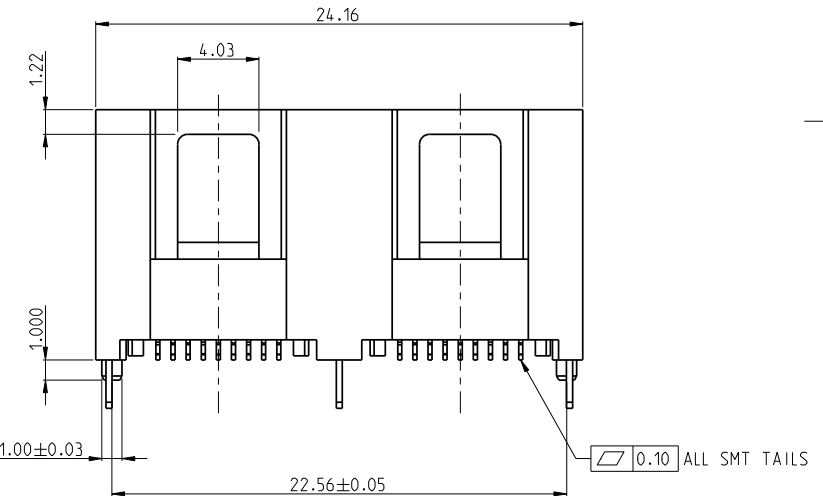
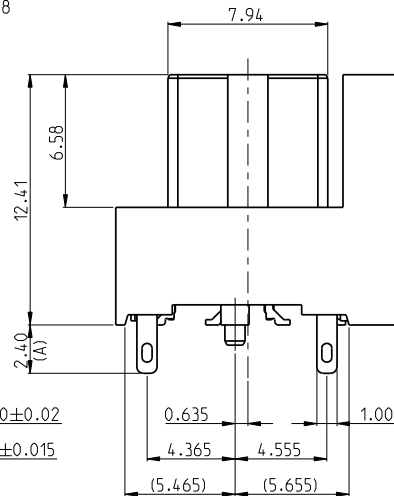
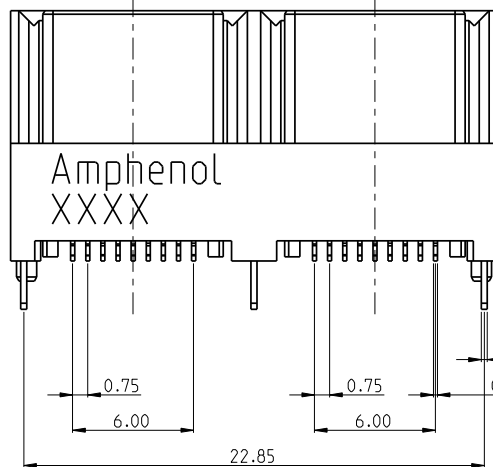
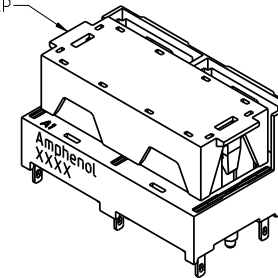
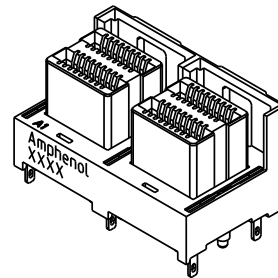
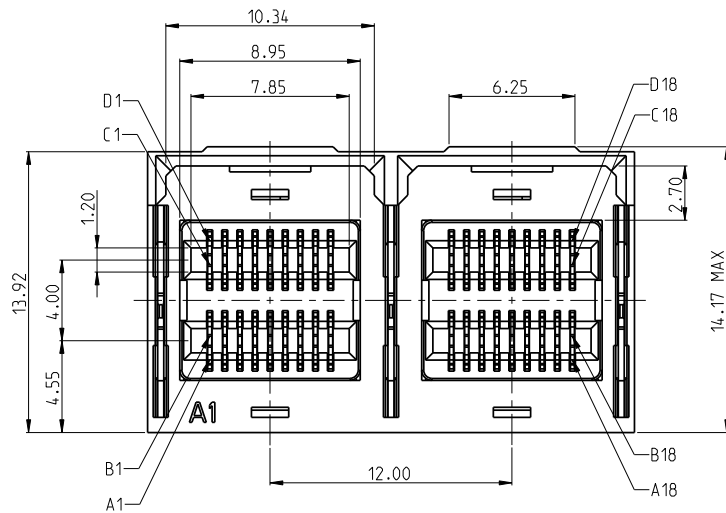
PART No. G40H2XXXXXXHR
DWG No. G40H2XXXXXXHR
REV. D

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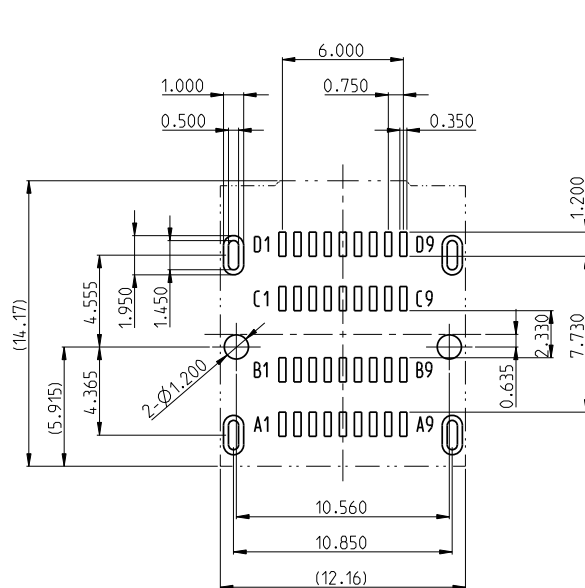
TOLERANCE	DRAWN	APPROVALS	DATE	TITLE	Amphenol® Amphenol Corporation Amphenol Taiwan Corporation			
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10	DESIGNED	Hank Hsu	08/05/2014	MINI SAS HD INTEGRATED CONNECTOR 0.75 PITCH, V/T, SMT TYPE	UNIT	mm	SIZE	A3
ANGULAR ±2°	CHECKED	Sondra Sang	08/05/2014		SCALE	NA	SHEET	2 OF 3
UNLESS OTHERWISE SPECIFIED	APPROVED	Hank Hsu	08/05/2014		PROJECT CODE	1515	PART No.	G40H2XXXXXXHR
	DWG TYPE	CUST DWG					DWG No.	G40H2XXXXXXHR
							REV.	D

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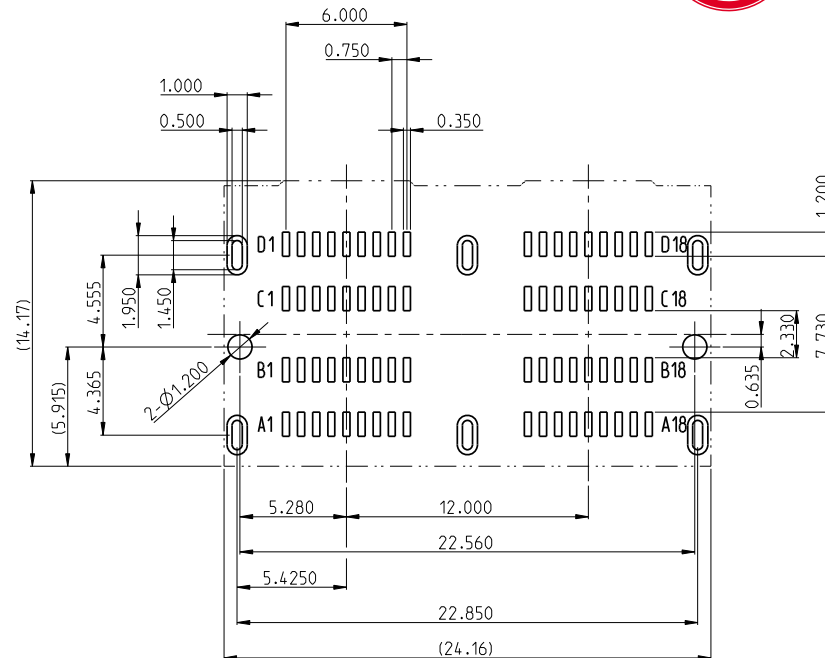
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1X1 RECOMMENDED PCB LAYOUT
(ALL TOLERANCES ARE ± 0.05)

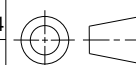


1X2 RECOMMENDED PCB LAYOUT
(ALL TOLERANCES ARE ± 0.05)

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. X.X ± 0.30 X.XX ± 0.20 X.XXX ± 0.10 ANGULAR $\pm 2^\circ$ UNLESS OTHERWISE SPECIFIED	DESIGNED	Hank Hsu	08/05/2014	MINI SAS HD INTEGRATED CONNECTOR 0.75 PITCH, V/T, SMT TYPE		Amphenol Corporation Amphenol Taiwan Corporation	
	CHECKED	Sondra Sang	08/05/2014				
	APPROVED	Hank Hsu	08/05/2014				
DWG TYPE		PROJECT CODE		UNIT		PART No.	REV.
CUST DWG		T515		mm A3		G40H2XXXXXXHR	D
				SCALE NA		G40H2XXXXXXHR	
				SHEET 3 OF 3			



UNIT mm
SCALE NA
SHEET 3 OF 3

PART No. G40H2XXXXXXHR
REV. D