

ORIGINAL

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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 or per IEC 61249-2-21 for Halogen-Free compliant.

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A	NE-14070	NEW RELEASE	04/28/2014	HANK HSU

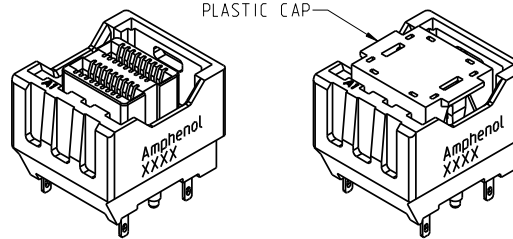
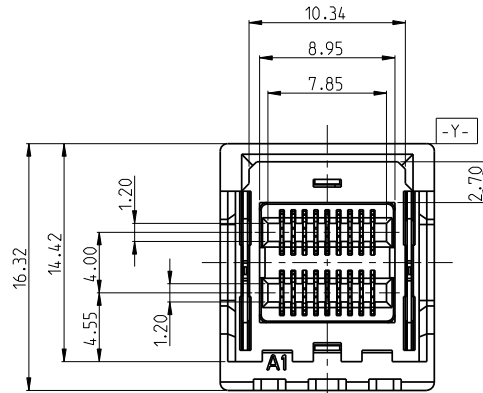
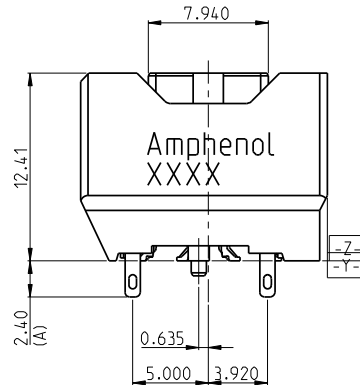
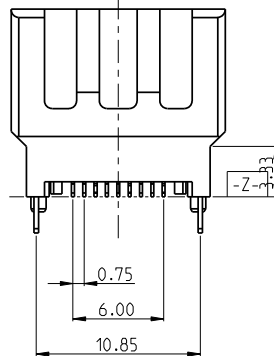
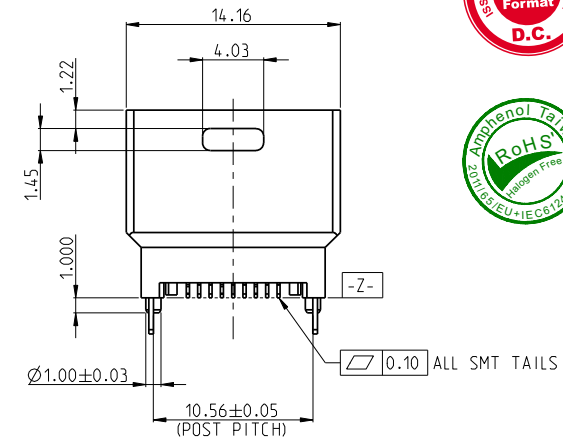


TABLE 1

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



PART NUMBER SYSTEM									
G40H	D	X	X	X	X	X	XX	-	X
Mini SAS HD Integrated Connector									
Connector Style D: V/T.w/enclosing 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									
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									



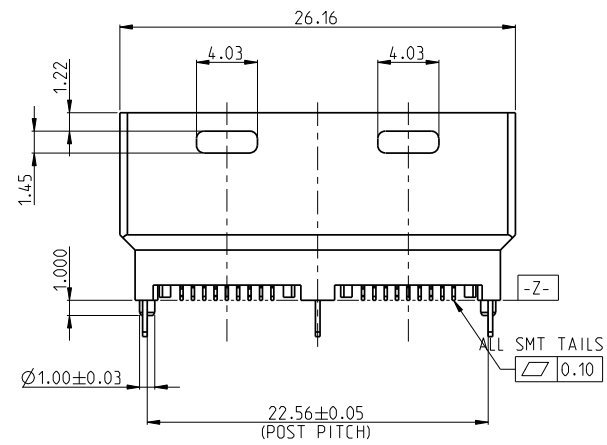
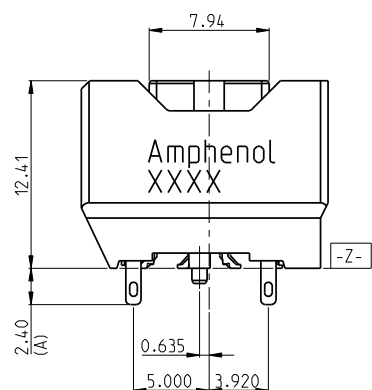
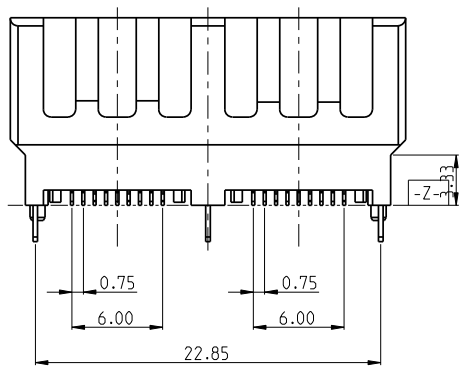
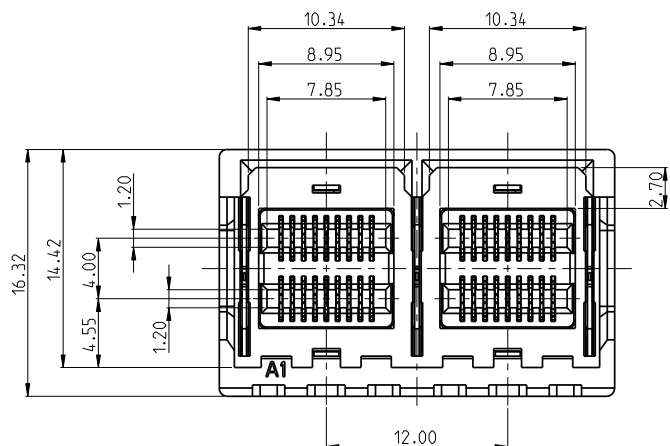
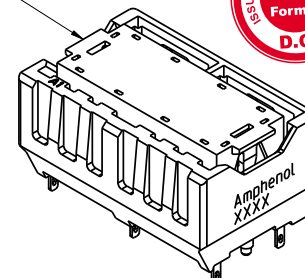
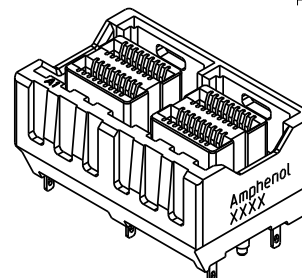
NOTES:

- INSULATOR: HIGH TEMPERATURE UL94V-0.
COLOR: NC(BRACKET), BK(HOUSING)
- TERMINAL: COPPER ALLOYBRASS
CONTACT AREA: OPTION
SOLDERING AREA: OPTION
UNDER PLTING.: Ni 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. 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			Amphenol Corporation Amphenol Taiwan Corporation					
		CHECKED	Sondra Sang	04/28/2014									
		APPROVED	Hank Hsu	04/28/2014									
ANGULAR ±2°						UNIT	mm	SIZE	A3	PART No.	G40HDXXXXXXHR		
UNLESS OTHERWISE SPECIFIED		DWG TYPE	CUST DWG	PROJECT CODE	T515	SCALE	NA	SHEET	1 OF 3	DWG No.	G40HDXXXXXXHR	REV.	A

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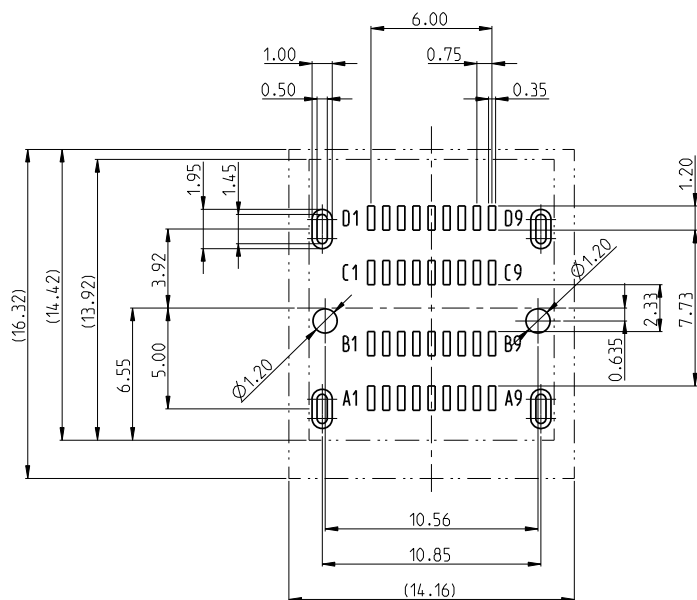
TOLERANCE		DRAWN APPROVALS		DATE		TITLE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation						
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DESIGNED Hank Hsu		04/28/2014		MINI SAS HD INTEGRATED CONNECTOR 0.75 PITCH, V/T, SMT TYPE									
		CHECKED Sondra Sang		04/28/2014											
		APPROVED Hank Hsu		04/28/2014											
ANGULAR ±2°								UNIT mm		SIZE A3		PART No. G40HDXXXXXXHR			
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE T515				SCALE NA		SHEET 2 OF 3		DWG No. G40HDXXXXXXHR		REV. A	

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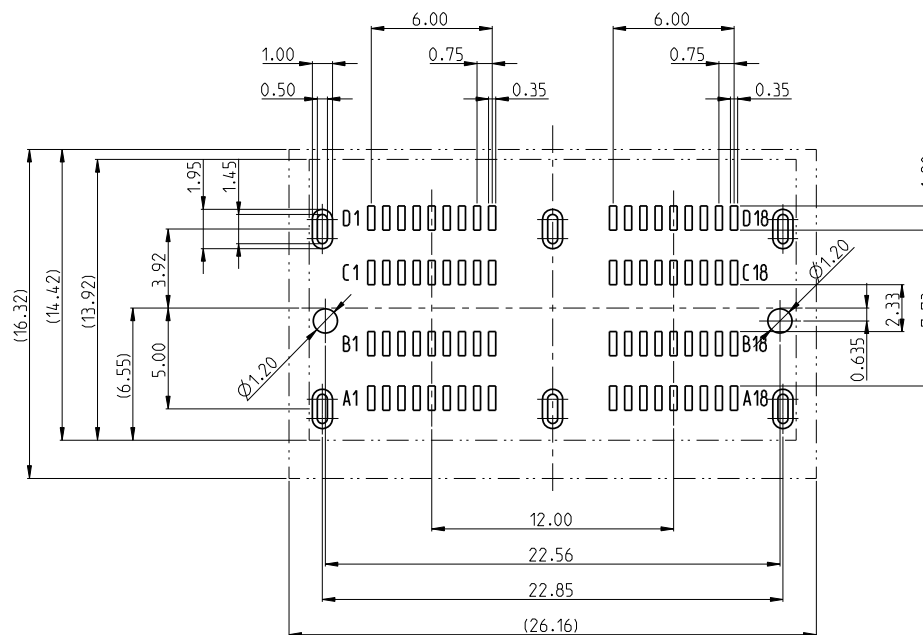
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1X1 RECOMMENDED PCB LAYOUT
(ALL TOLERANCES ARE ± 0.05)



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.

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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			Amphenol Corporation Amphenol Taiwan Corporation			
		CHECKED Sondra Sang		04/28/2014								
		APPROVED Hank Hsu		04/28/2014								
ANGULAR ±2°								UNIT mm	SIZE A3	PART No. G40HDXXXXXXHR		
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE T515				SCALE NA	SHEET 3 OF 3	DWG No. G40HDXXXXXXHR		REV. A

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Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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