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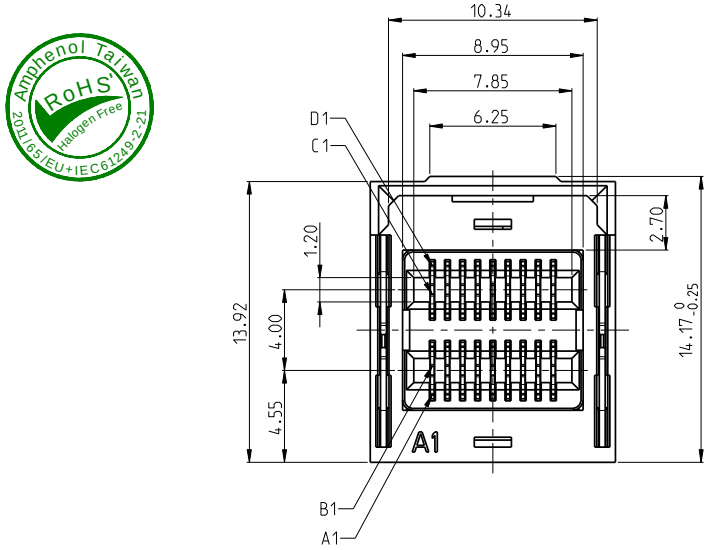
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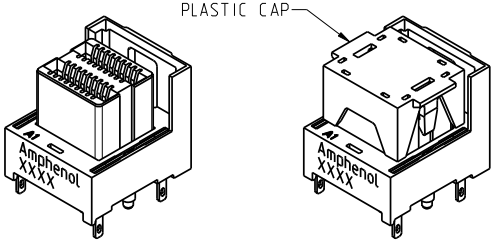
ORIGINAL

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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
E	NE-17301	UPDATED BOARDLOCK DIMENSION FROM 2.40(A) TO DIM A	11/28/2017	JOAN LU

Amphenol Taiwan RoHS 2011/65/EU+IEC61249-2-21 Halogen Free





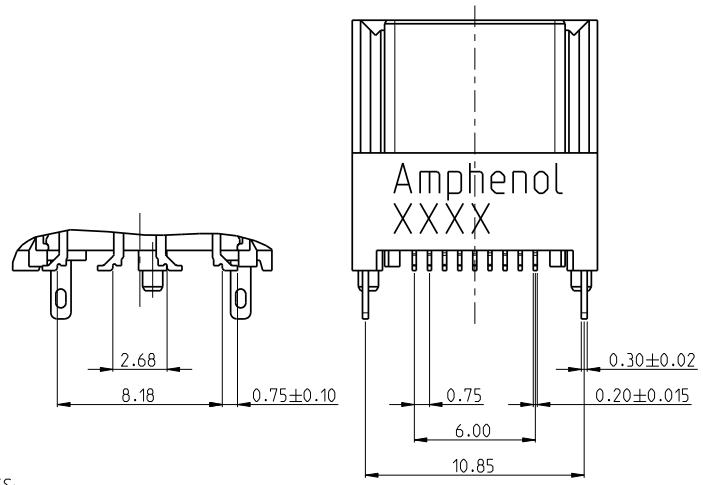
PART NUMBER SYSTEM

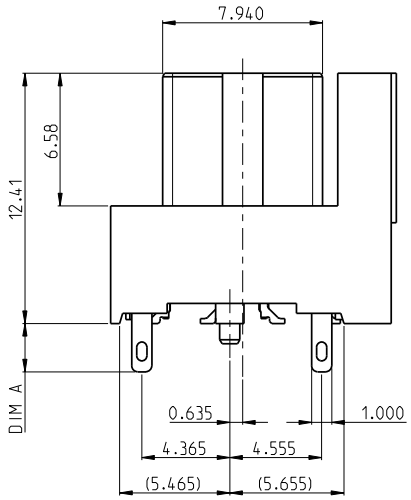
G40H 2 X X X X X X XX - X

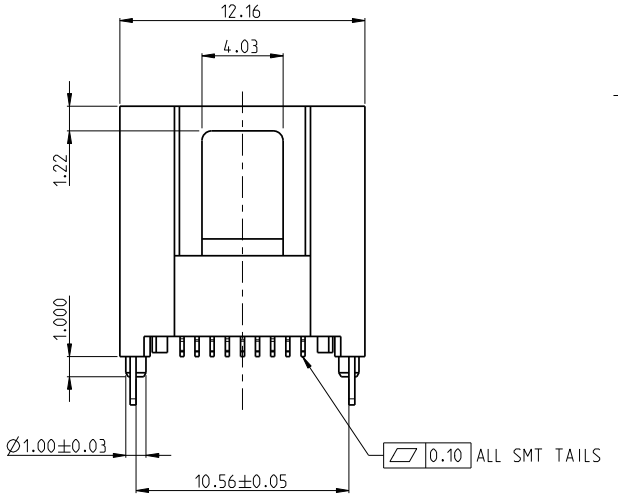
- Mini SAS HD Integrated Connector
- Connector Style: 2: V/T
- Number of Integration: X: OPTION; 1: 1X1; 2: 1X2
- Contact Finish: X: OPTION; 3: 30u" Gold
- Terminal Style: X: OPTION; 2: SMT, 100u" MIN MATTE TIN PLATING
- Verification Code: X: OPTION; BLANK: STANDARD
- Compliant Code: XX: OPTION; HR Halogen-Free & 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 (G40H21 only)

TABLE 1

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







NOTES:

1. INSULATOR: HIGH TEMPERATURE THERMOPLASTIC
   UL94V-0, COLOR: BLACK
2. TERMINAL: COPPER ALLOY
   CONTACT AREA: OPTION
   TAIL AREA: OPTION
   UNDER PLTING.: NICKEL 100u" MIN.
3. 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	APPROVALS	DATE
X.	DRAWN	
X.X ±0.30	DESIGNED Joan Lu	11/28/2017
X.XX ±0.20	CHECKED Sondra Sang	11/28/2017
X.XXX ±0.10	APPROVED Hank Hsu	11/28/2017
ANGULAR ±2°	DWG TYPE CUST DWG	PROJECT CODE T515
UNLESS OTHERWISE SPECIFIED		

TITLE: MINI SAS HD INTEGRATED CONNECTOR 0.75 PITCH, V/T, SMT TYPE

Amphenol®
Amphenol Corporation
Amphenol Taiwan Corporation

UNIT	SIZE	PART No.	
mm	A3	G40H2XXXXXXHR	
SCALE NA	SHEET 1 OF 3	DWG No. G40H2XXXXXXHR	REV. E

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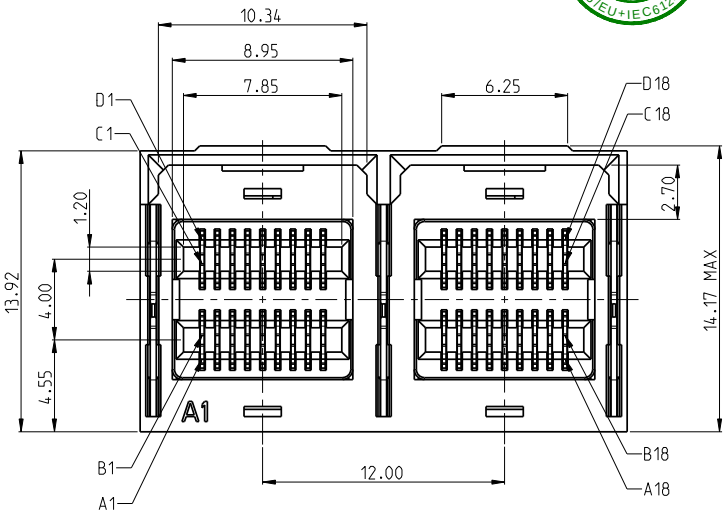
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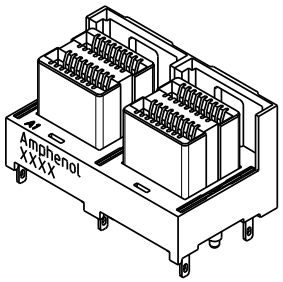
Amphenol Taiwan RoHS 2011/65/EU+IEC61249-2-21 Halogen Free

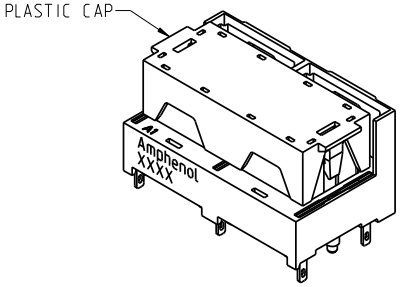
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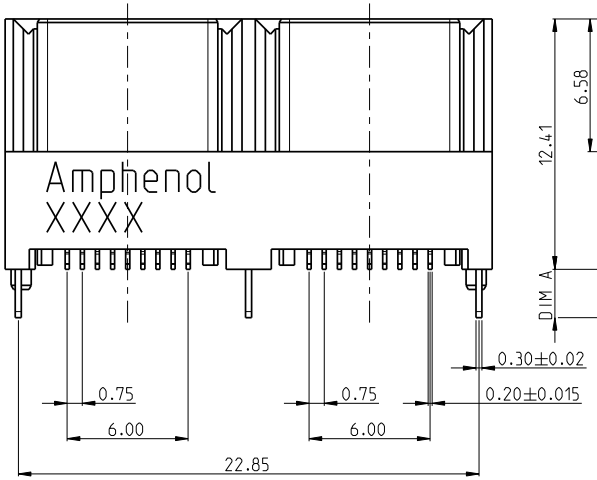
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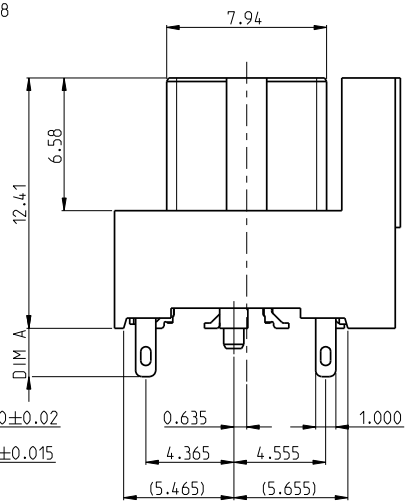
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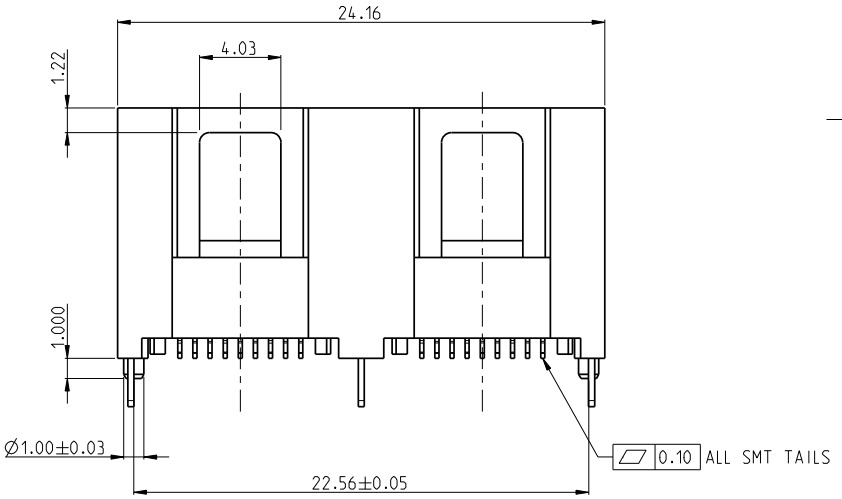


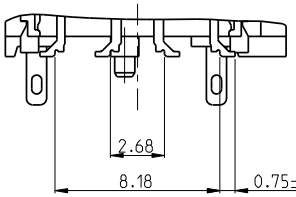












TOLERANCE	APPROVALS	DATE
X.	DRAWN	
X.X ±0.30	DESIGNED Joan Lu	11/28/2017
X.XX ±0.20	CHECKED Sondra Sang	11/28/2017
X.XXX ±0.10	APPROVED Hank Hsu	11/28/2017
ANGULAR ±2°	DWG TYPE CUST DWG	PROJECT CODE T515
UNLESS OTHERWISE SPECIFIED		

TITLE: MINI SAS HD INTEGRATED CONNECTOR 0.75 PITCH, V/T, SMT TYPE

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Amphenol Corporation
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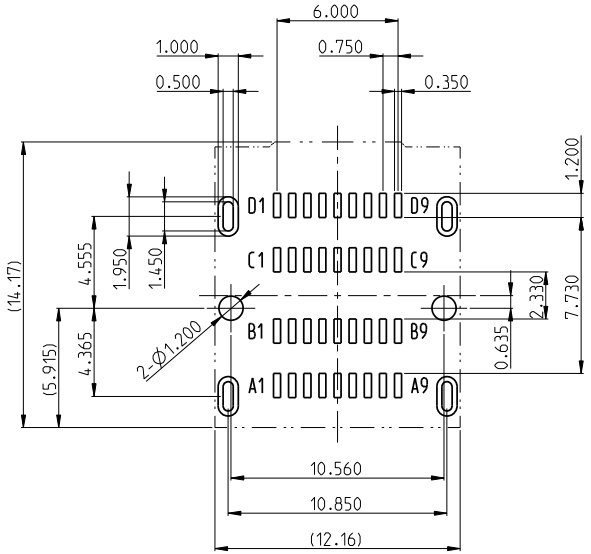
UNIT	SIZE	PART No.	
mm	A3	G40H2XXXXXXHR	
SCALE NA	SHEET 2 OF 3	DWG No. G40H2XXXXXXHR	REV. E

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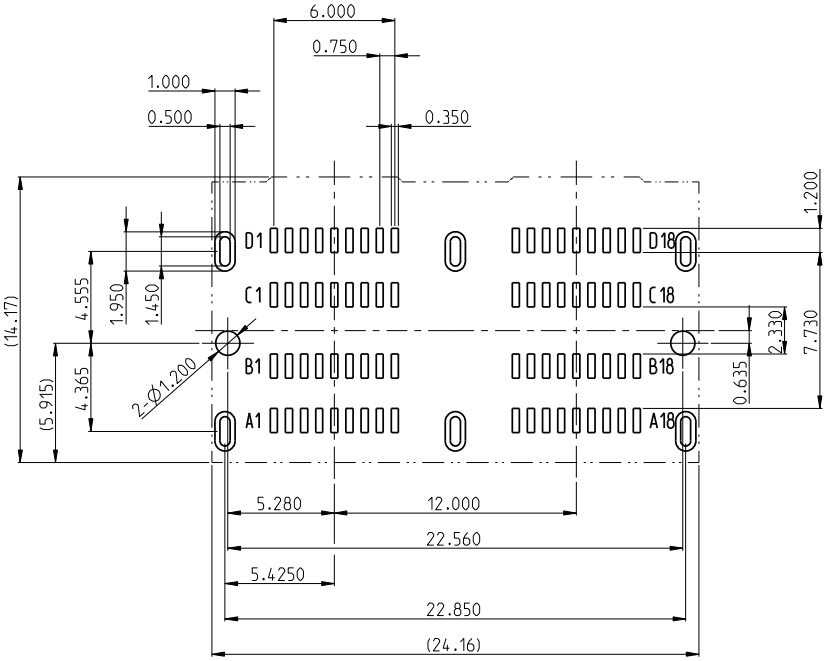
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ORIGINAL

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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 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	APPROVALS	DATE
X.	DRAWN	
X.X ±0.30	DESIGNED Joan Lu	11/28/2017
X.XX ±0.20	CHECKED Sondra Sang	11/28/2017
X.XXX ±0.10	APPROVED Hank Hsu	11/28/2017
ANGULAR ±2°	DWG TYPE CUST DWG	PROJECT CODE T515
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Amphenol Taiwan Corporation

UNIT	SIZE	PART No.	
mm	A3	G40H2XXXXXXHR	
SCALE NA	SHEET 3 OF 3	DWG No. G40H2XXXXXXHR	REV. E