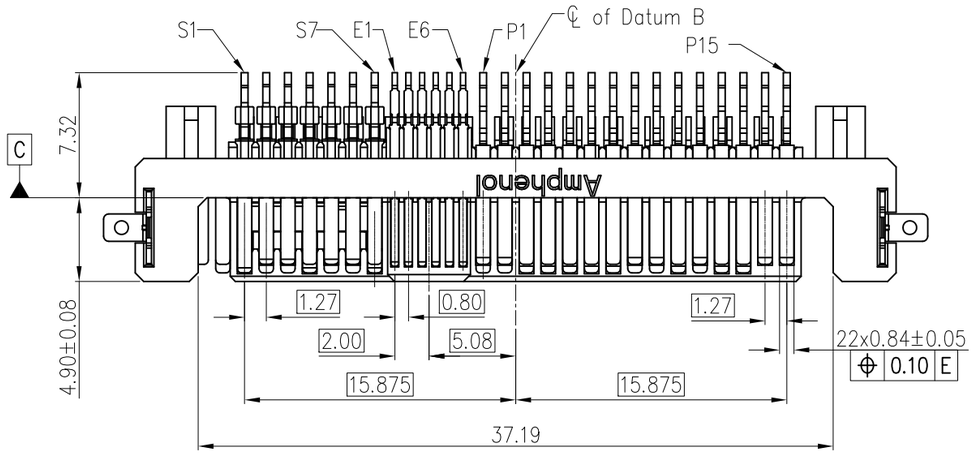
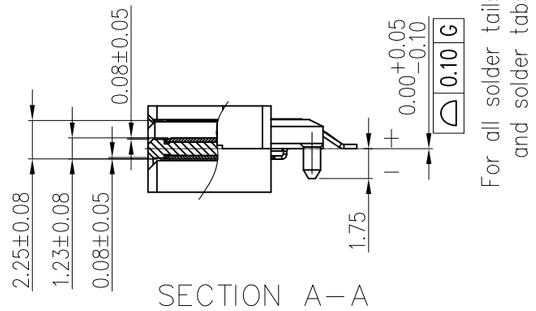
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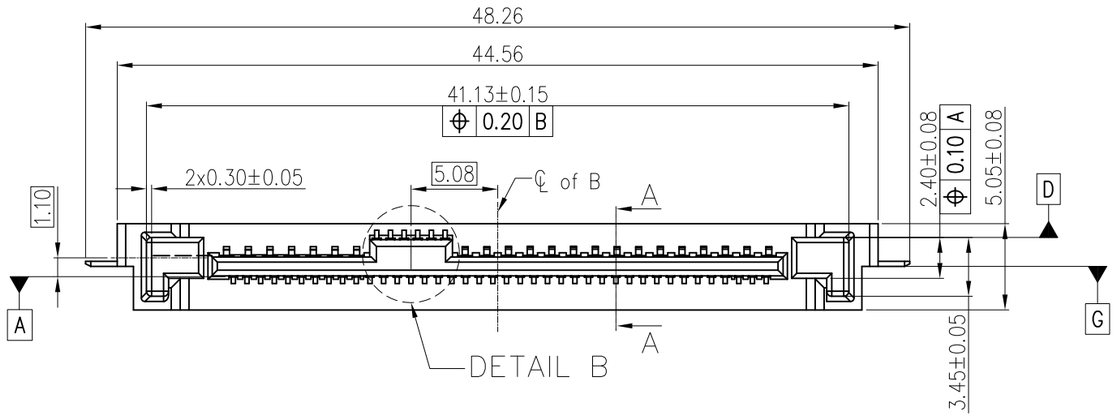
REVISIONS

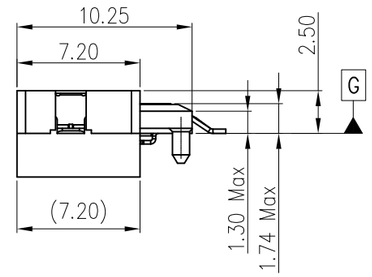
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	HK----	FIRST RELEASE	03/20/18	IP
2	HK----	MODIFY THE STRUCTURE,TERMINAL OFFSET 0.30mm	08/30/19	IP
3	HK----	MODIFY THE PCB LAYOUT AND REMOVE THE RIB	09/11/19	IP
4	HK----	MODIFY THE TERMINAL STRUCTURE	09/14/19	IP

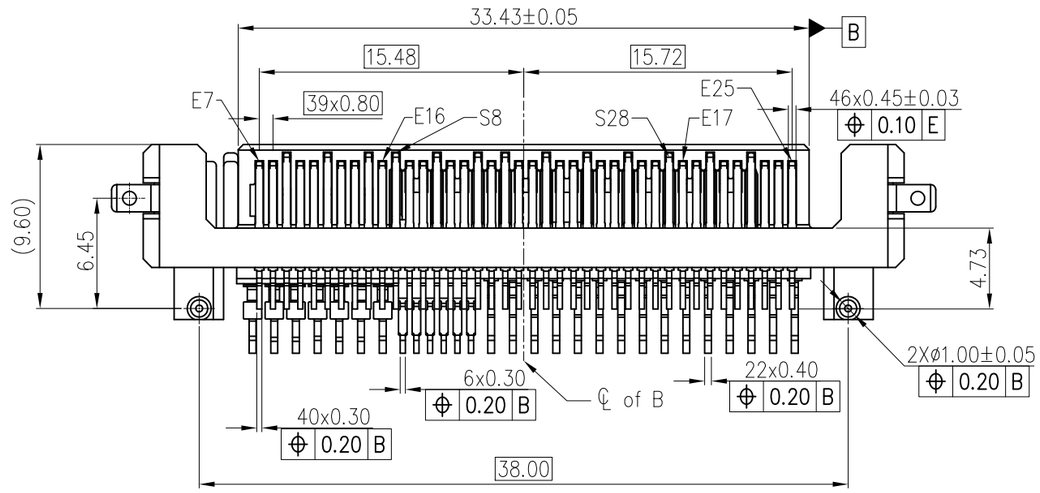


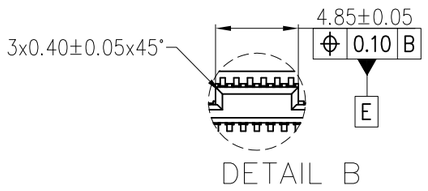


SECTION A–A









DETAIL B

Amphenol Shenzhen RoHS Compliant 2011/65/EU

UNLESS OTHERWISE SPECIFIED TOLERANCES	U.S.	METRIC
.X +/−		0.50
.XX +/−		0.25
.XXX +/−		0.20
FRACTIONS +/−		
ANGLES +/−		3°

FOR MATERIALS AND FINISHES SEE NOTES
REMOVE SHARP EDGES
DIMENSIONS U.S. (METRIC) INCHES (MM)

	APPROVAL	DATE
DRAWN	jimmy.zhou	09/14/19
CHECKED		
CHECKED		

DRAWING FILE : PE MASTER\DRAWING\PSAS\PSAS4M213007XXX-4
ANGLE OF PROJECTION

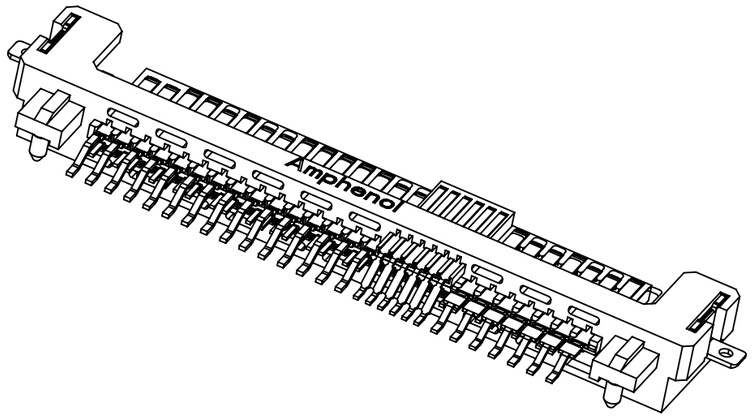
Amphenol
Amphenol East Asia Limited

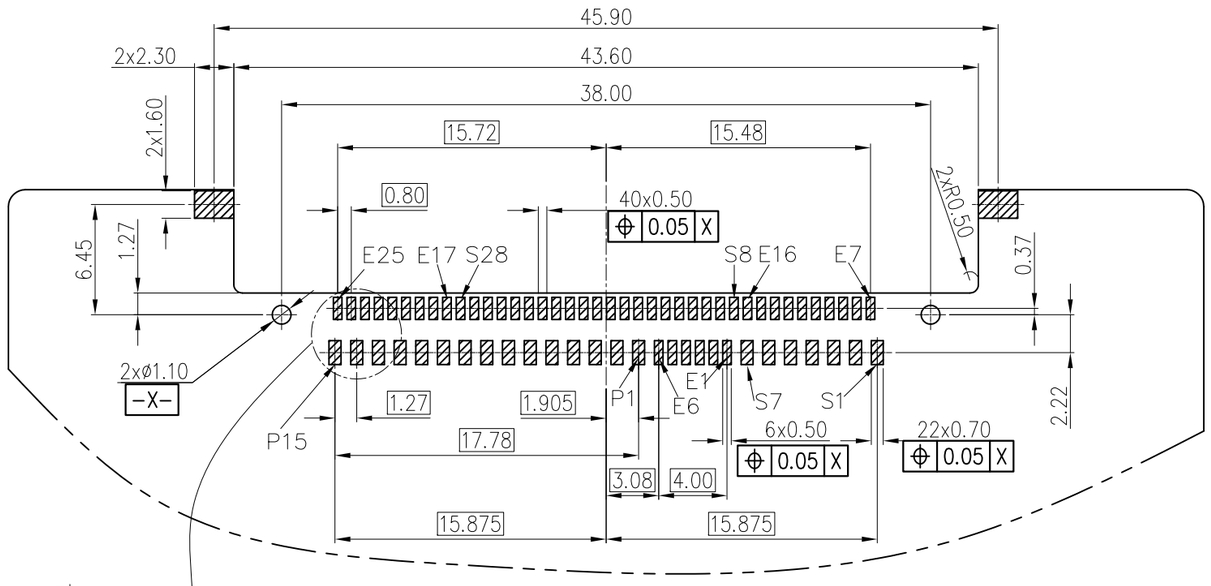
TITLE
Customer Drawing For
16G PCIe SAS R/A Plug Connector

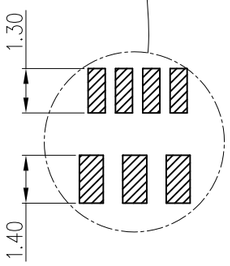
SIZE	DRAWING NO.	REV.
A3	PSAS4M213007XXX	4
SCALE	NONE	SHEET 1 OF 2

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REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		REFER TO SHEET 1		







RECOMMENDED PCB LAYOUT
GENERAL TOLERANCE ±0.05mm

Scale 2:1

NOTES
1. MATERIAL
   1.1 HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL94V-0, COLOR: BLACK.
   1.2 CONTACTS : COPPER ALLOY
   PLATING: REFER TO P/N SYSTEM ON MATING AREA.
   1.27um MIN NICKEL UNDER PLATED OVERALL.
   2.54um MIN PURE MATTE TIN ON SOLDER TAILS.
   1.3 SOLDER TABS: COPPER ALLOY
   2.54um MIN PURE MATTE TIN OVER 1.27um MIN NICKEL.
2. GENERAL SPECIFICATION
   2.1 CURRENT RATING: 1.5A/PER PIN (POWER SECTION).
   2.2 CONTACT RESISTANCE: 30mΩ MAX (INITIAL).
   2.3 INSULATOR RESISTANCE: 1000MΩ MIN.
   2.4 DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC
   2.5 OPERATION TEMPERATURE: -40°C~+85°C
   2.6 CHARACTERISTIC IMPEDANCE:85 Ohm(0.80PITCH)/100 Ohm(1.27PITCH)
3. DIMENSIONING SHALL BE INTERPRETED PER ASME Y14.5M 1994.
4. MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC.# S-SN-002, FOR HALOGEN FREE PRODUCTS, ALSO NEED TO MEET S-SN-004.
5. PIN S1/S4/S7/S8/S11/S14/S16/S19/S22/S25/S28/E219/E22 ARE CONNECTED TOGETHER WITH CONDUCTIVE PLASTIC.
6. RECOMMENDED THICKNESS FOR PCB IS 1.0~1.57mm
7. ORDER P/N SYSTEM: PSAS4M213007XXX

MATING AREA PLATING
1- 0.76um MIN Au.
2- 0.38um MIN Au.
3- GOLD FLASH
4- G/F over Pd/Nickel

PACKING STYLE
NIL- TRAY
TR- TAPE AND REEL WITH CAP
NT- TAPE AND REEL W/O CAP

Amphenol Shenzhen RoHS Compliant 2011/65/EU

UNLESS OTHERWISE SPECIFIED TOLERANCES	U.S.	METRIC
.X +/-		0.50
.XX +/-		0.25
.XXX +/-		0.20
FRACTIONS +/-		
ANGLES +/-		3°

FOR MATERIALS AND FINISHES SEE NOTES
REMOVE SHARP EDGES
DIMENSIONS U.S. / INCHES (METRIC) / (MM)

	APPROVAL	DATE
DRAWN	jimmy.zhou	09/14/19
CHECKED		
CHECKED		

DRAWING FILE : PE MASTER\DRAWING\PSAS\PSAS4M213007XXX-4
ANGLE OF PROJECTION

Amphenol
Amphenol East Asia Limited

TITLE
Customer Drawing For
16G PCIe SAS R/A Plug Connector

SIZE	DRAWING NO.	REV.
A3	PSAS4M213007XXX	4
SCALE	NONE	SHEET 2 OF 2