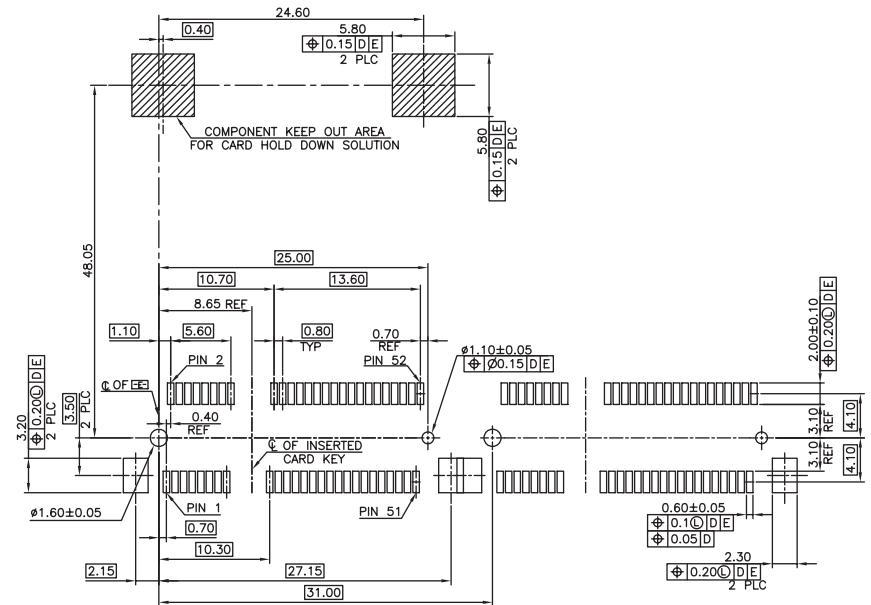
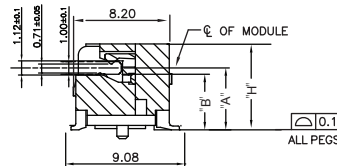
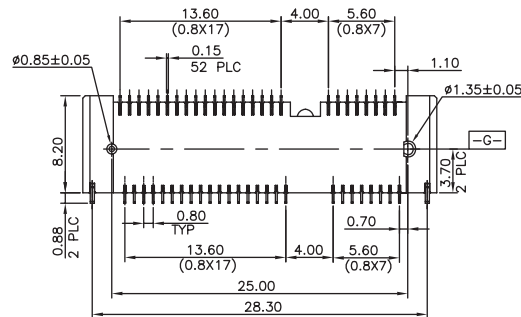
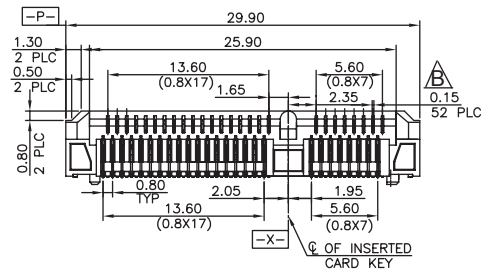
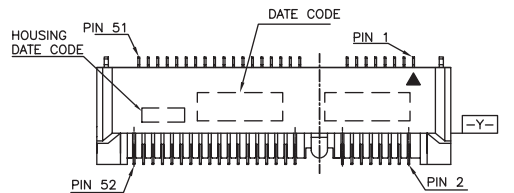




Mating Card Support Information

- * For Part Number , Ordering and PCB Layout Information on Latch Support Mechanism , please see Page 2-3
- * For Part Number , Ordering and PCB Layout Information on Standoff Supports , please see Page 4

RECOMMENDED PCB LAYOUT

NOTES:

Mechanical Specifications:

Durability: Insertion/withdrawal: 50 Cycles

Material Specifications:

Housing: High Temperature Plastic U L 94V-0

Contact: Copper Alloy

Plating: Specified Gold Thickness in Contact Area

Au Flash on P.C. Tail Soldering Area

Latch: Stainless Steel

Electrical Specifications:

Voltage rating: 50V AC per contact;

Current rating: 0.5 AMP per contact;

Dielectric withstanding voltage: 300V AC RMS (Min);

Insulation resistance: 500 Megohms at 500V DC Min;

Operating Temperature: -25°C To +80°C

HOW TO ORDER:

B 0 3 2 - 5 2 X 1 - X 0 X - Z

COLOR:

0 - Beige

1 - Black

FULL GOLD PLATING: RoHS COMPLIANT

0 - 3u" Gold

1 - 15u" Au

2 - 10u" Au

6 - 30u" Au

HEIGHT (H):

1 - (H)5.20mm (A) 3.3mm (B) 2.8mm

2 - (H)6.75mm (A) 4.9mm (B) 4.4mm

3 - (H)5.60mm (A) 3.7mm (B) 3.2mm

4 - (H)8.00mm (A) 6.1mm (B) 5.6mm

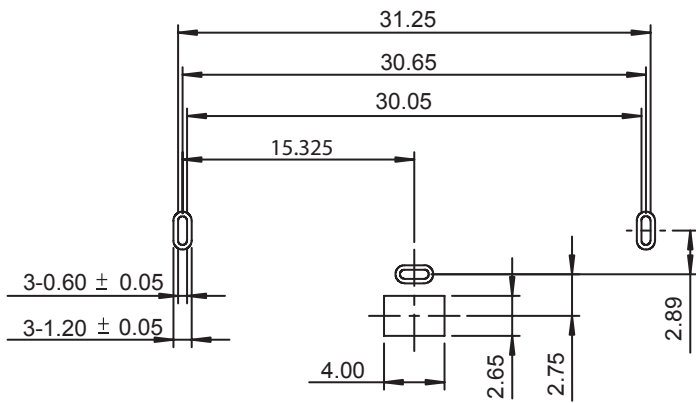
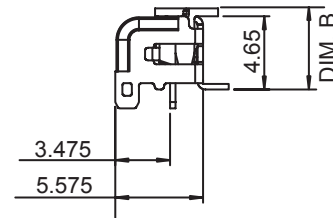
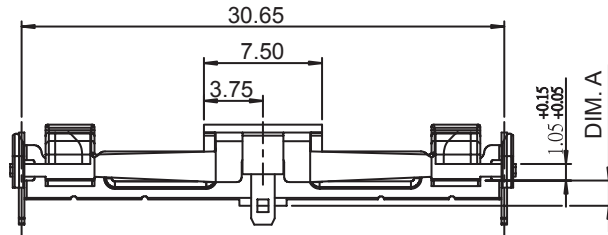
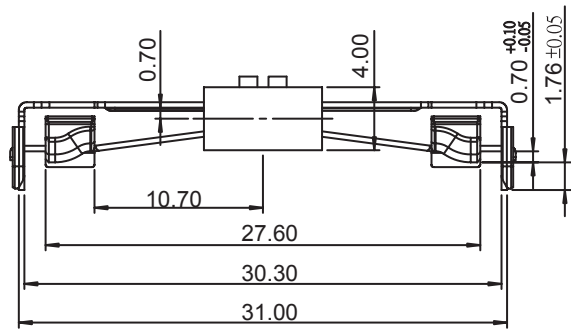
5 - (H)9.20mm (A) 7.3mm (B) 6.8mm

6 - (H)4.00mm (A) 2.1mm (B) 1.6mm

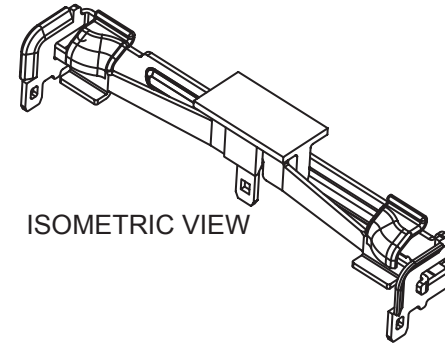
7 - (H)9.90mm (A) 7.95mm (B) 6.3mm

8 - (H)10.5mm (A) 8.55mm (B) 8.05mm

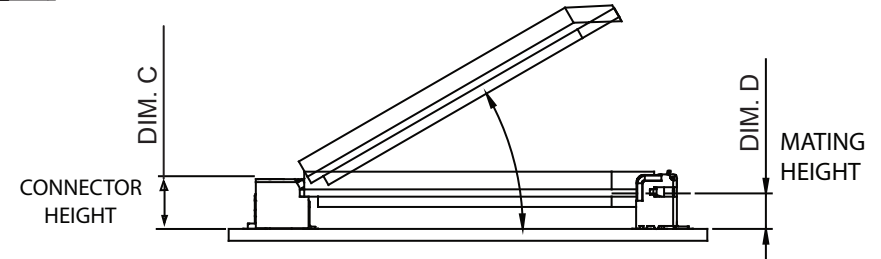
Rev	Drawn	Checked	Approved	Date	SMP TECHNOLOGY, INC.	
0	B.S.	S.M.	S.M.	03/28/07		
A	B.S.	S.M.	S.M.	05/19/11		
B	B.S.	S.M.	S.M.	07/09/13		
C	B.S.	S.M.	S.M.	01/07/15		
Scale :N/A					PCI Express Mini Card Connector, 52 Circuit	
TOL. DEC.					P/N: B 0 3 2 - 5 2 X 1 - X 0 X - Z	
.X +/- 0.25					Pg: 1/4	
.XX +/- 0.15						
.XXX +/- 0.10						
ANGLE +/-						
UNIT: mm						



RECOMMENDED PCB LAYOUT



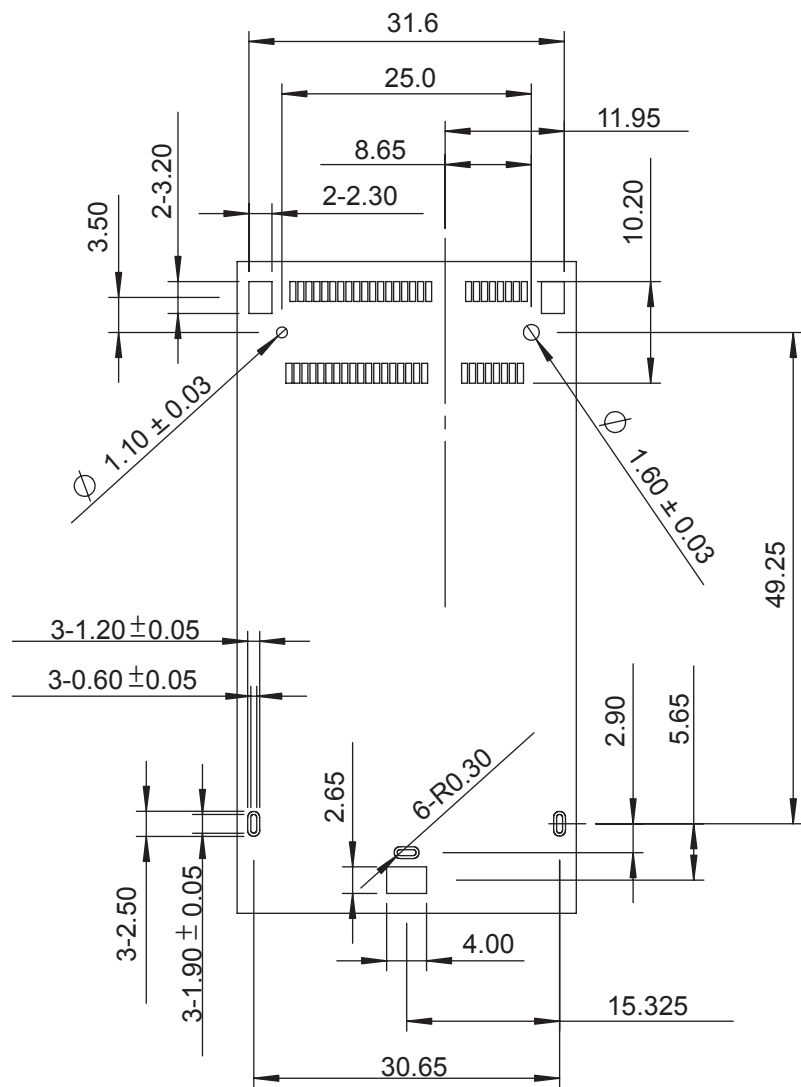
ISOMETRIC VIEW



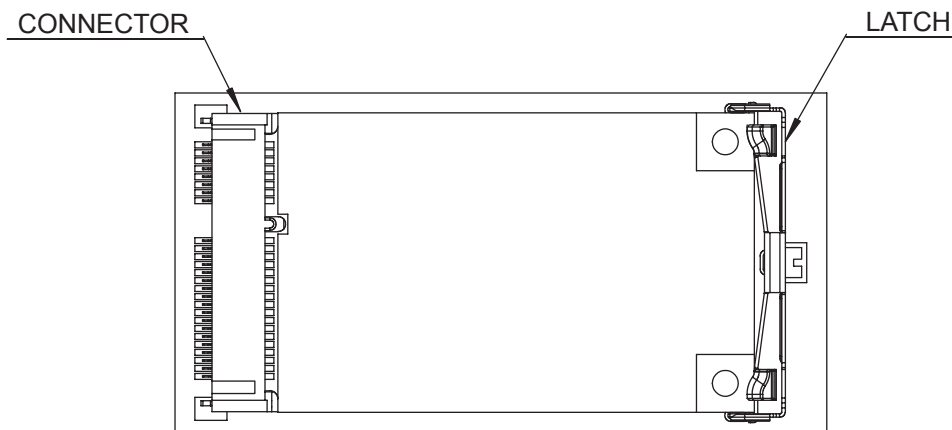
PART NO.	DIM. A +0.05 -0.10	DIM. B +0.20 -0.05	DIM. C CONN HT.	DIM D MATING HT
LM1-B032-4.0	1.60	5.15	4.00	2.11
LM1-B032-5.2	2.80	6.35	5.20	3.31
LM1-B032-5.6	3.20	6.75	5.60	3.71
LM1-B032-6.0	3.60	7.15	6.00	4.11
LM1-B032-6.8	4.40	7.95	6.80	4.85
LM1-B032-8.0	5.60	9.15	8.00	6.11
LM1-B032-9.0	6.60	10.15	9.00	7.11
LM1-B032-9.2	6.80	10.35	9.20	7.31
LM1-B032-9.9	7.50	11.05	9.90	8.01

Rev	Drawn	Checked	Approved	Date
0	B.S.	S.M.	S.M.	07/28/12
Scale :N/A				
TOL. DEC.	.X +/- 0.25	.XX +/- 0.15	.XXX +/- 0.10	ANGLE +/-
				UNIT: mm

SMP TECHNOLOGY, INC.	
LATCH MECHANISM FOR PCI EXPRESS CARD CONNECTORS	
PN: LM1-B032-XX-Z	
Pg: 2/4	

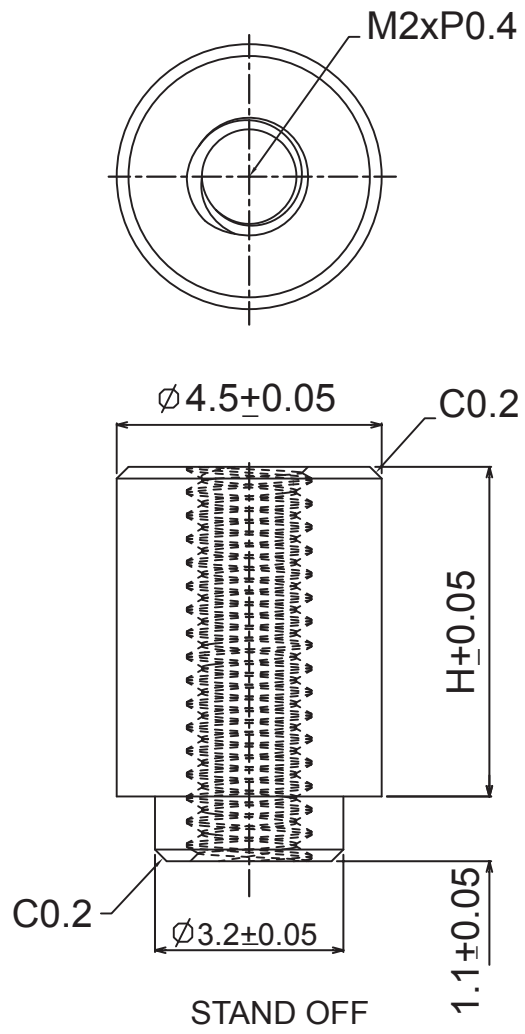


RECOMMENDED PCB LAYOUT



TOP VIEW OF CONNECTOR AND LATCH MOUNTED ON PCB

Rev	Drawn	Checked	Approved	Date	SMP TECHNOLOGY, INC. LATCH MECHANISM FOR PCI EXPRESS CARD CONNECTORS
0	B.S.	S.M.	S.M.	07/28/12	
Scale :N/A TOL. DEC. .X +/- 0.25 .XX +/- 0.15 .XXX +/- 0.10 ANGLE +/- UNIT: mm					PN: L M 1 - B 0 3 2 - XX - Z Pg: 3/4

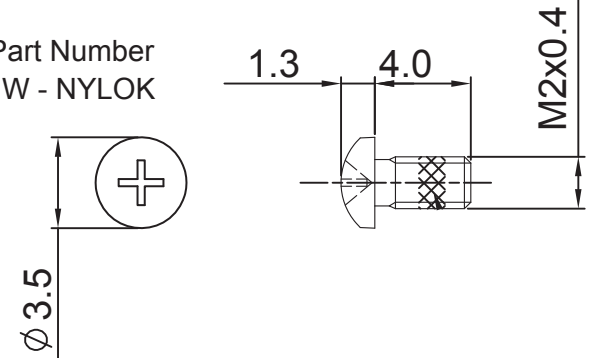


Plating: 100 u" Sn(Min.)

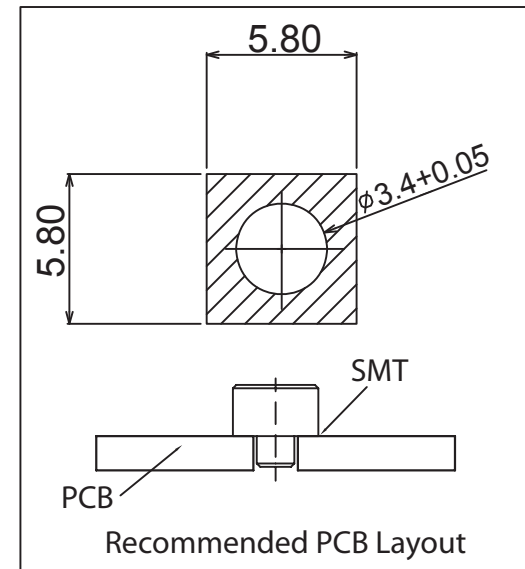
Part Number:
 HW-B032-4.0N
 HW-B032-5.2N
 HW-B032-5.6N
 HW-B032-6.8N
 HW-B032-8.0N
 HW-B032-9.2N
 HW-B032-9.9N

"H" ± 0.1
 1.6
 2.8
 3.2
 4.4
 5.6
 6.8
 7.5

Part Number
 HW - NYLOK



Material: Low Carbon Steel C1018
 Plating: Nickel
 General Tolerance ± 0.3



Rev		Drawn	Checked	Approved	Date	SMP TECHNOLOGY, INC.
0	Issued	B.S.	S.M.	S.M.	5/05/10	
						PCI Express Card Hardware/Stanoffs
TOL. DEC. .X +/- 0.25 .XX +/- 0.15 .XXX +/- ANGLE +/- UNIT: mm						HW-B032-X.XN 7.5 Pg: 1/1