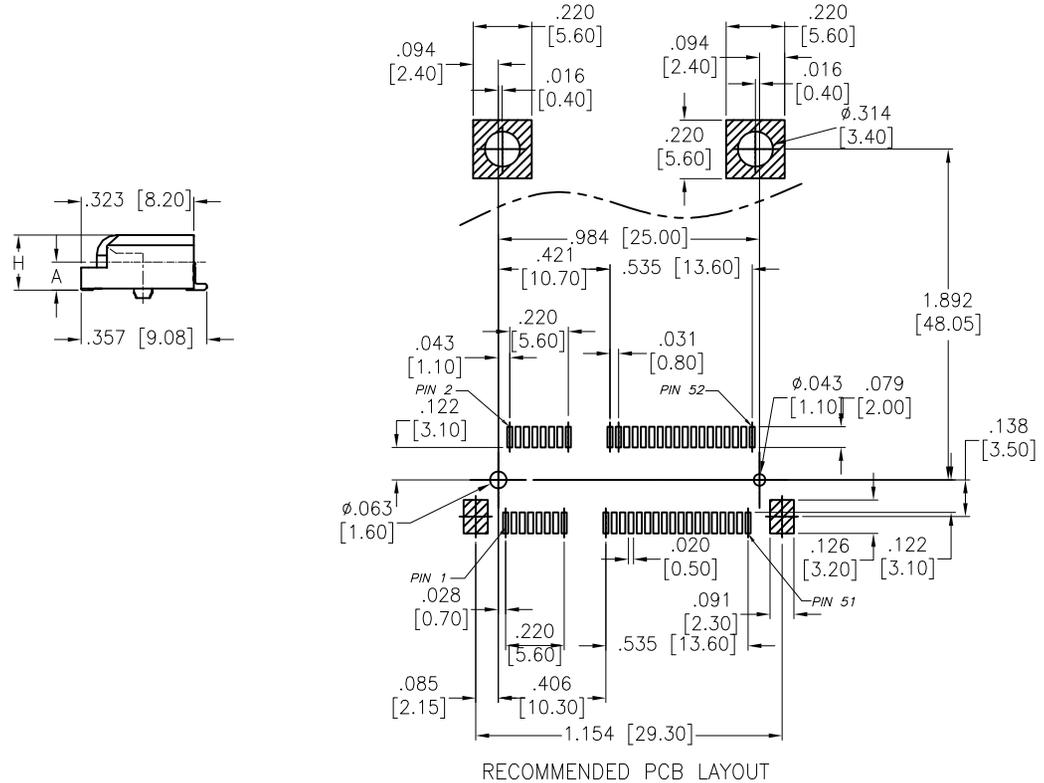
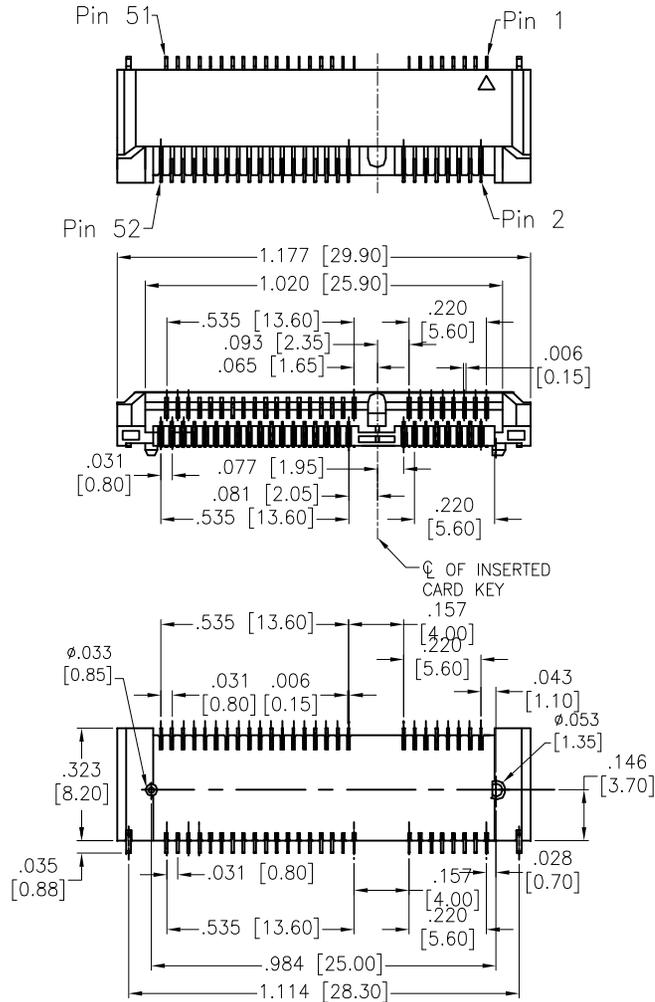


APPROVED: _____

DATE: _____ TITLE: _____



ADAM TECH P/N	DIM. H	DIM. A
MPE-G-52-R-SMT-4.0-T/R	.157 [4.00]	.081 [2.05]

PACKAGED ON TAPE & REEL

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED			
.X	± .10	∅X	± .10
INCHES .XX	± .020	HOLES ∅XX	± .015
.XXX	± .015	∅XXX	± .010

DRAWN	HR	6/3/14
CHECKED	SY	6/3/14
APPROVED		

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**ADAM
 TECH**

909 Rahway Avenue,
 Union, NJ 07083
 Phone: 908-687-5000
 adam-tech.com

TITLE
**MINI PCI EXPRESS CARD CONNECTOR, 52 PIN,
 SMT, VARIOUS HEIGHTS, TAPE & REEL**

SIZE	PART NO.	REV.
X	MPE-G-52-R-SMT-X.X-T/R	F

REF:	S00257T	SCALE:	NTS	SHEET	1 OF 3
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Rev	AWO #	Description	Date	Appr
-		RELEASED	6/3/14	
A		UPDATE DRAWING	9/10/15	AY/MY
B		UPDATE DRAWING	10/20/15	AY/AY1
C		ADDED PART NUMBER OPTION	11/2/15	AY/WY
D		REMOVE PART NUMBER OPTION (9.9 & 8.0)	1/29/16	AY/LW
E		UPDATE DRAWING	10/7/22	WX/KL
F		REMOVE PART NUMBER OPTION (5.2)	1/5/26	LW1/MC

SPECIFICATIONS:

Material:

Insulator: Hi-Temp thermoplastic, rated UL 94V-0

Insulator color: Black

Contacts: Copper Alloy

Solder Pegs: Copper Alloy, Tin plated

Plating:

Gold Flash over Nickel underplate overall

Electrical:

Voltage rating: 50 V AC/DC

Current rating: 0.5 Amp max

Contact Resistance: 55 mohms max

Insulation resistance: 500 Mohms min @ 500V DC

Temperature Rating:

Operating temperature: -55°C to +80°C

Environmental:

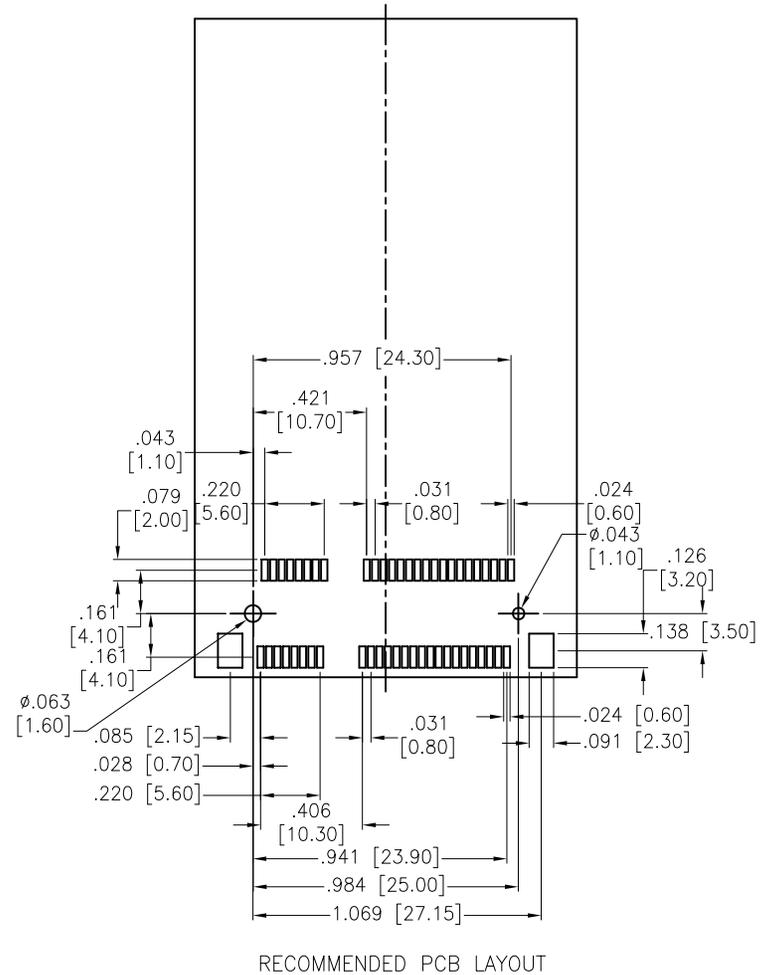
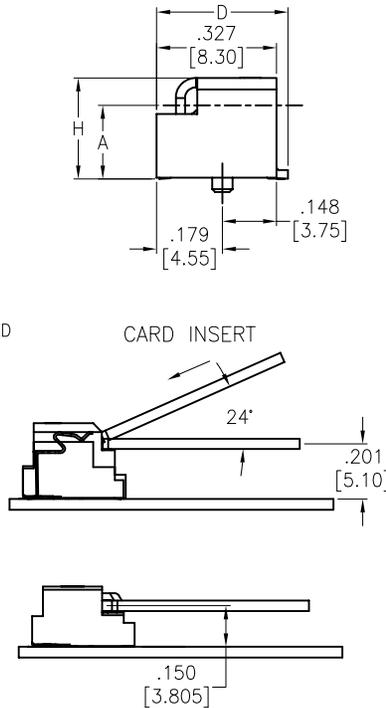
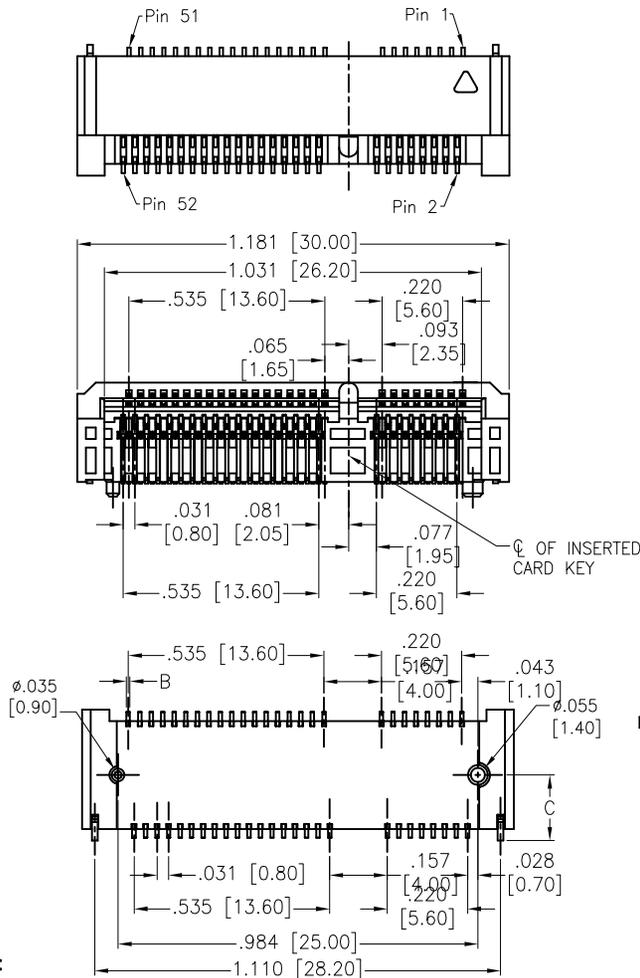
Lead free, RoHS compliant.



APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 3 FOR REVISION				



P/N	DIM. H	DIM. A	DIM. B	DIM. C	DIM. D
MPE-G-52-R-SMT-7.0-T/R	.276 [7.00]	.201 [5.10]	.009 [0.24]	.179 [4.55]	.358 [9.10]

SPECIFICATIONS:

Material:

Insulator: Hi-Temp thermoplastic, rated UL 94V-0

Insulator color: Black

Contacts: Copper Alloy

Peg: Copper Alloy, Tin plated

Plating:

Gold flash over Nickel underplate on contact area

Tin over Nickel underplate on solder tails

Electrical:

Voltage rating: 50 V AC/DC

Current rating: 0.5 Amps max

Contact Resistance: 55 mohms max

Insulation resistance: 500 Mohms min @ 500V AC

Temperature Rating:

Operating temperature: -55°C to +80°C

Environmental:

Lead free, RoHS compliant.



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED		
.X ± .10	Ø.X ± .10	
INCHES .XX ± .020	HOLES Ø.XX ± .015	
.XXX ± .015	Ø.XXX ± .010	
DRAWN	HR	6/3/14
CHECKED	SY	6/3/14
APPROVED		
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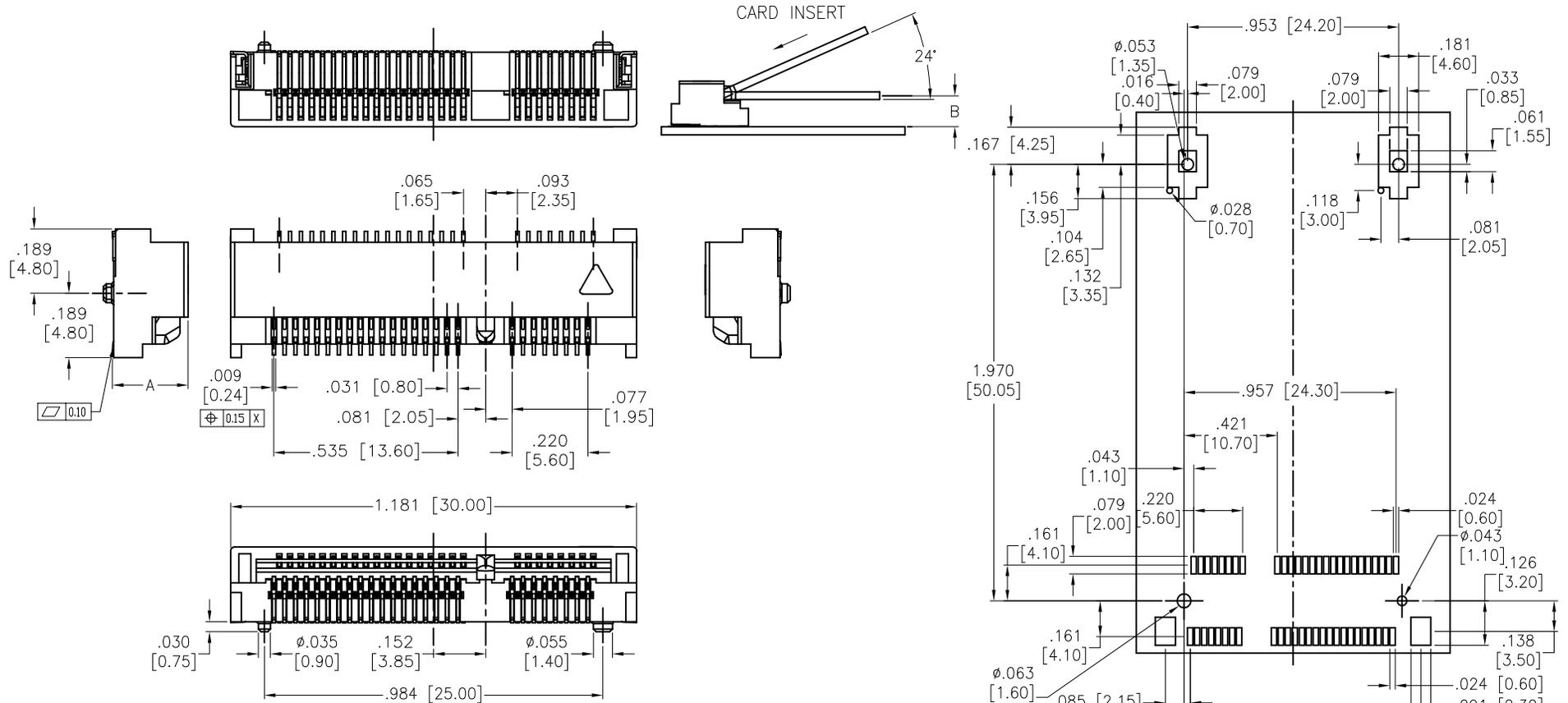
TITLE
**MINI PCI EXPRESS CARD CONNECTOR, 52 PIN,
SMT, VARIOUS HEIGHTS, TAPE & REEL**

SIZE X	PART NO. MPE-G-52-R-SMT-X.X-T/R	REV. F
REF: S00257T	SCALE: NTS	SHEET 2 OF 3

APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 3 FOR REVISION				



SPECIFICATIONS:

Material:

Insulator: Hi-Temp thermoplastic, rated UL 94V-0
 Insulator color: Black
 Contacts: Phosphor Bronze
 Hold down: Brass, Matte Tin plated

Plating:

Gold flash over Nickel underplate on contact area
 Matte Tin over Nickel underplate on solder tails

Electrical:

Voltage rating: 25V AC
 Current rating: 0.3A max (1Pin)
 Contact Resistance: 55 mohms max
 Insulation resistance: 500 Mohms min @ 500V AC
 Dielectric withstanding voltage: 250 VAC @ 60Hz Rms.

Mechanical:

Durability: 50 mating cycles

Temperature Rating:

Operating temperature: -40°C to +90°C

Environmental:

Lead free, RoHS compliant.



ADAM TECH P/N	Dim. A	Dim. B
MPE-G-52-R-SMT-5.6-T/R	.220 [5.60]	.150 [3.80]
MPE-G-52-R-SMT-8.0-T/R	.315 [8.00]	.244 [6.20]
MPE-G-52-R-SMT-9.2-T/R	.362 [9.20]	.291 [7.40]
MPE-G-52-R-SMT-9.6-T/R	.378 [9.60]	.307 [7.80]

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED

.X ± .10	∅X ± .10
INCHES .XX ± .020	HOLES ∅XX ± .015
.XXX ± .015	∅XXX ± .010

DRAWN	HR	6/3/14
CHECKED	SY	6/3/14
APPROVED		

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 Union, NJ 07083
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TITLE
MINI PCI EXPRESS CARD CONNECTOR, 52 PIN, SMT, VARIOUS HEIGHTS, TAPE & REEL

SIZE X	PART NO. MPE-G-52-R-SMT-X.X-T/R	REV. F
REF: S00257T	SCALE: NTS	SHEET 3 OF 3