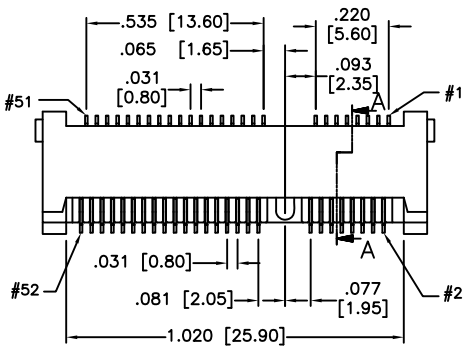
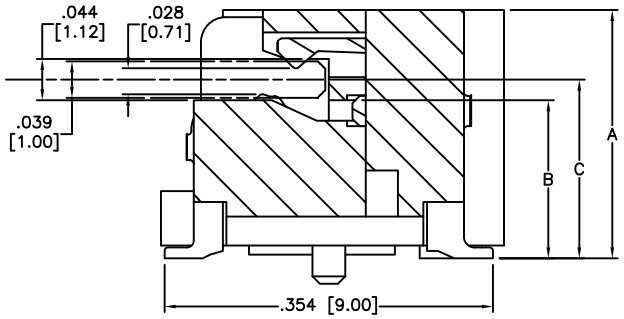
APPROVED: _____

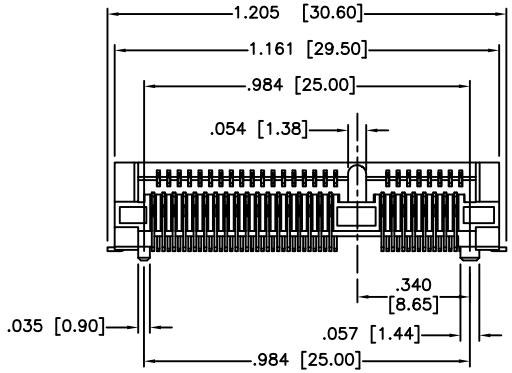
DATE: _____ TITLE: _____

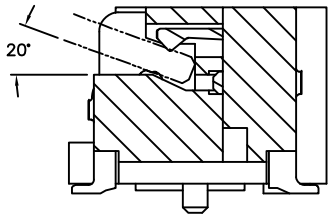
Rev	AWO #	Description	Date	Appr
-		RELEASED	3/10/09	
A		REVISED SHAPE	10/04/11	



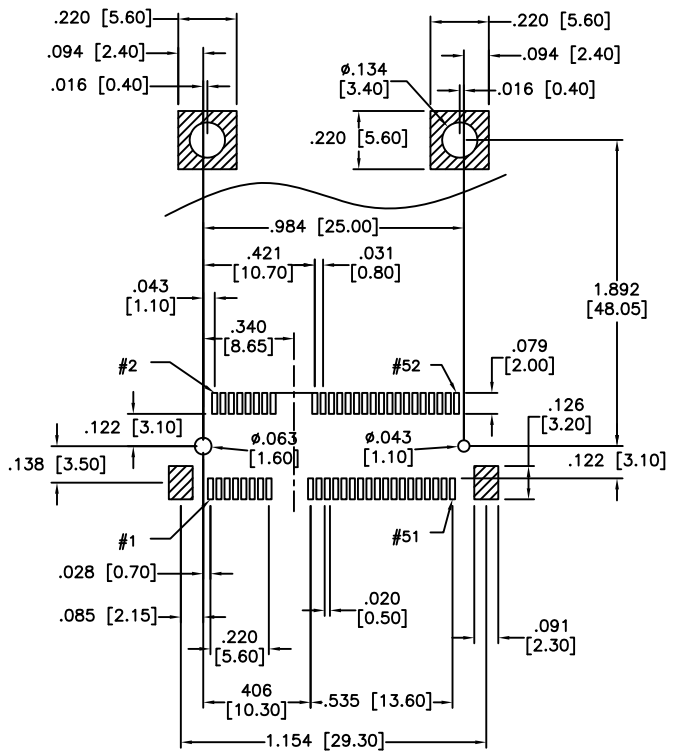


SECTION A–A (2:1)





RECOMMENDED MODULE INSERTION ANGLE



RECOMMENDED PCB LAYOUT

P/N	DIM A	DIM B	DIM C
MPE-52-R-SMT-4.0	.157 [4.00]	.063 [1.60]	.083 [2.10]
MPE-52-R-SMT-5.2	.205 [5.20]	.110 [2.80]	.130 [3.30]
MPE-52-R-SMT-5.6	.220 [5.60]	.126 [3.20]	.146 [3.70]
MPE-52-R-SMT-8.0	.315 [8.00]	.220 [5.60]	.240 [6.10]
MPE-52-R-SMT-9.2	.362 [9.20]	.268 [6.80]	.287 [7.30]

PACKAGED ON TAPE & REEL

SPECIFICATIONS:

Material:
Insulator: Hi–Temp thermoplastic, rated UL 94V–0
Insulator color: Black
Contacts: Copper Alloy

Plating:
Gold Flash over Nickel underplate overall

Electrical:
Operating voltage: 125 VAC max
Current rating: 0.5 Amps max
Contact Resistance: 30 mohms max
Insulation resistance: 1000 Mohms min @ 500V AC
Dielectric withstanding voltage: 500 VAC for 1 minute

Temperature Rating:
Operating temperature: –55°C to +105°C

Environmental:
Lead free, RoHS compliant.
Recommended soldering temp: 260°C for 5 sec.

RoHS COMPLIANT

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

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

APPROVALS		DATE
DRAWN	DY	3/10/09
CHECKED		
APPROVED		

ADAM TECH
909 Rahway Avenue, Union, NJ 07083
Phone: 908-687-5000 Fax: 908-687-5710

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

SIZE	PART NO.	REV.
X	MPE-52-R-SMT-XX-TR	A

REF: S00079T | SCALE: NTS | SHEET 1 OF 1