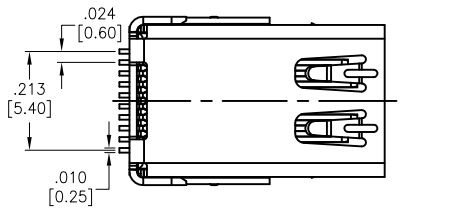
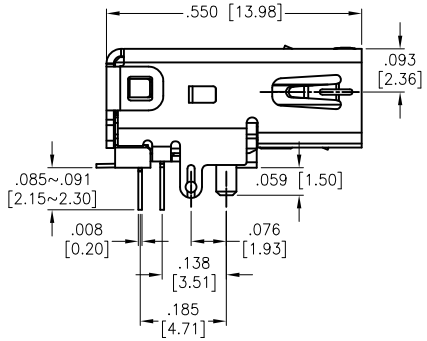
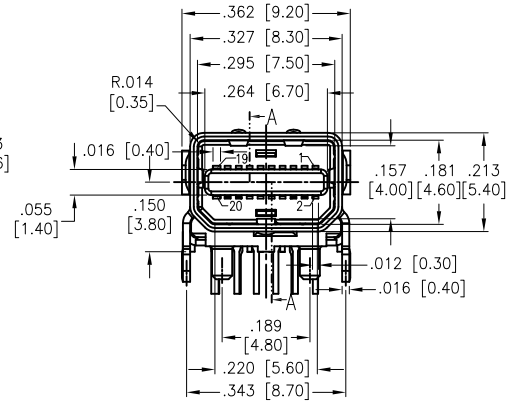
Rev	AWO #	Description	Date	Appr
-	3432	RELEASED	4/1/14	

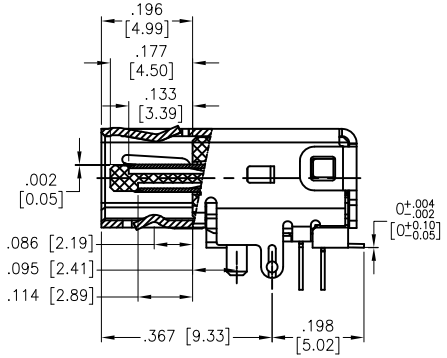
APPROVED: _____

DATE: _____ TITLE: _____

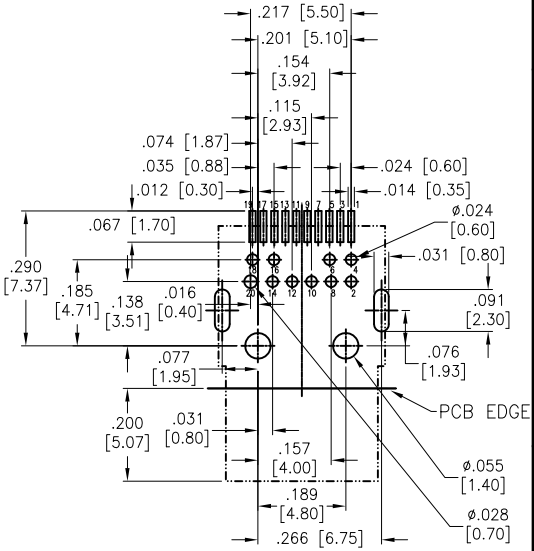




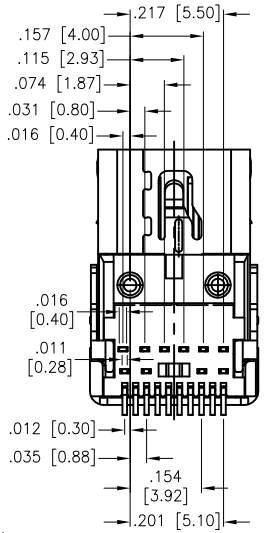




SECTION A–A



RECOMMENDED PCB LAYOUT
(PCB Thickness = .047 [1.20])



Top Row			Bottom Row		
Pin NO.	Signal Type	Pin Name	Pin NO.	Signal Type	Pin Name
1	GND	GND	2	In	HotPlug Detect
3	Out	ML_Lane 0(p)	4	CONFIG	CONFIG1
5	Out	ML_Lane 0(n)	6	CONFIG	CONFIG2
7	GND	GND	8	GND	GND
9	Out	ML_Lane 1(p)	10	Out	ML_Lane 3(p)
11	Out	ML_Lane 1(n)	12	Out	ML_Lane 3(n)
13	GND	GND	14	GND	GND
15	Out	ML_Lane 2(p)	16	I/O	AUX_CH(p)
17	Out	ML_Lane 2(n)	18	I/O	AUX_CH(n)
19	GND	GND	20	PWR Out	DP_PWR

SPECIFICATIONS:
Material:
Housing: Hi–Temp Thermoplastic, rated UL 94V–0
Insulator color: Black
Contact: Phosphor Bronze
Shell: Brass, Nickel plated
Plating:
30u" Gold over Nickel underplate on contact area,
Tin over Nickel underplate on solder tails
Electrical:
Current rating: 0.5 Amps min
Contact Resistance: 30 mΩ max.
Insulation Resistance: 100M ohms min.
Dielectric Withstanding Voltage: 500 VAC for 1 minute
Temperature Rating:
Operating temperature: –40°C to +85°C
Recommended Soldering: 260°C max. for 5 sec.
Environmetal:
Lead free, RoHS compliant.

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	HR	4/1/14
CHECKED	YC	4/1/14
APPROVED		

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

TITLE
MINI DISPLAY PORT RECEPTACLE, R/A,
DIP TYPE, 20 PIN, 30u" SEL-GOLD PLATED

SIZE	PART NO.	REV.
X	MDPC-S-RA-3.8-30	-

REF: S00078T | SCALE: NTS | SHEET 1 OF 1