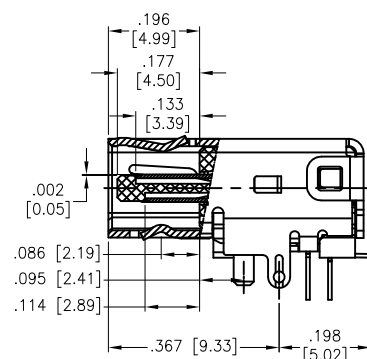
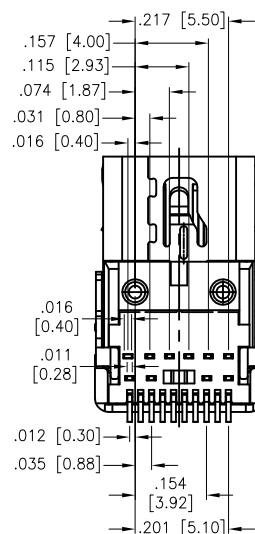
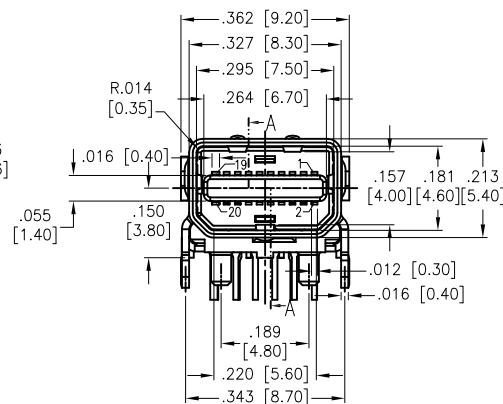
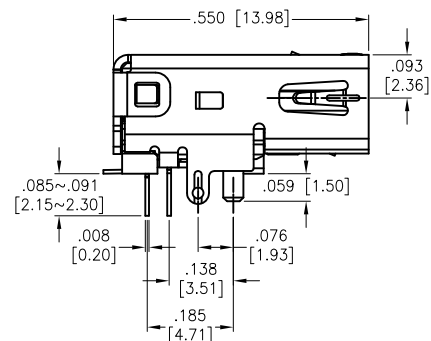
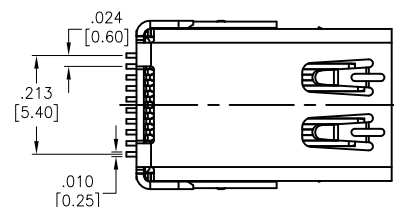
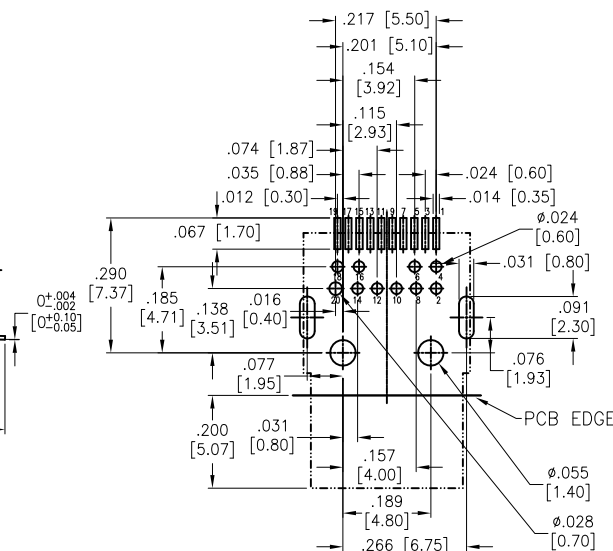


APPROVED: _____
DATE: _____ TITLE: _____

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



SECTION A-A



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

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.

Environmental:

Lead free, RoHS compliant.

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

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		



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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		