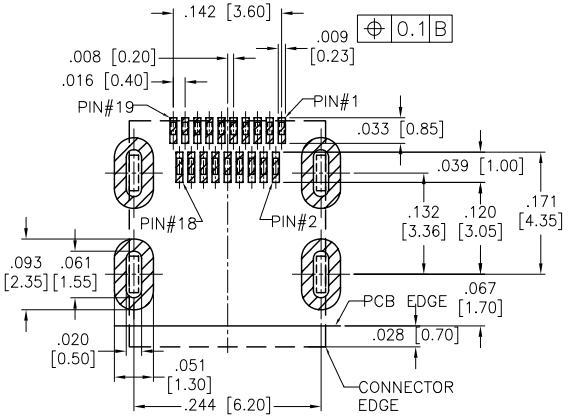
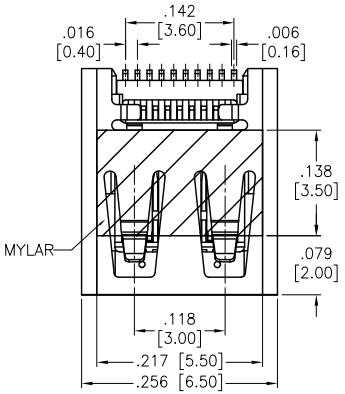
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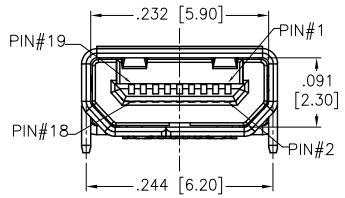
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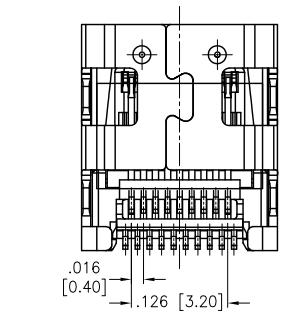
Rev	AWO #	Description	Date	Appr
-		PRELIMINARY	11/18/10	
A		RELEASED	3/25/15	HR/NC
B		UPDATE DRAWING	4/2/15	AY/NC

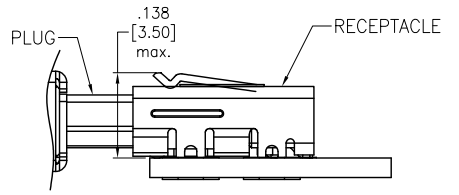


RECOMMENDED PCB LAYOUT

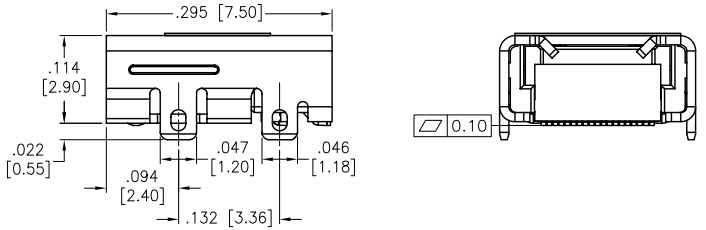








ASSEMBLY VIEW



PIN	SIGNAL ASSIGNMENT
1	HOT PLUG DETECT
3	TMDS DATA2+
5	TMDS DATA2−
7	TMDS DATA1 SHIELD
9	TMDS DATA0+
11	TMDS DATA0−
13	TMDS CLOCK SHIELD
15	CEC
17	SCL
19	+5V Power

PIN	SIGNAL ASSIGNMENT
2	UTILITY
4	TMDS DATA2 SHIELD
6	TMDS DATA1+
8	TMDS DATA1−
10	TMDS DATA0 SHIELD
12	TMDS CLOCK+
14	TMDS CLOCK−
16	DDC/CEC GROUND
18	SDA

CONNECTION	SIGNALS
	TYPE D CONNECTOR
FIRST MAKE	CONNECTOR SHELL
SECOND MAKE	PINS 1−18
THIRD MAKE	PIN19(+5V POWER)

SPECIFICATIONS:

Material:

Insulator: Hi−temp thermoplastic, rated UL 94V−0

Insulator color: Black

Contacts: Phosphor Bronze

Shell: Stainless Steel, Tin plated

Plating:

Gold flash over Nickel underplate overall

Electrical:

Voltage: 40 VAC max.

Current rating: 0.3 Amp

Contact resistance: 10 mohms max.

Insulation resistance: 100 Mohms min.

Dielectric withstanding voltage: 250 VAC for 1 minute (Unmated)
150 VAC for 1 minute (Mated)

Mechanical:

Insertion Force: 44.1N max

Extraction Force 5~25N min

Mating Cycles: 5,000 Cycles

Temperature Rating:

Operating temperature: −25°C to +80°C

Environmental:

Lead free, RoHS compliant.

RoHS COMPLIANT

PACKAGED ON TAPE & REEL

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	SS	11/18/10
CHECKED		
APPROVED		

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

TITLE: MICRO HDMI, SINGLE PORT, RIGHT ANGLE, SMT, TAPE AND REEL

SIZE	PART NO.	REV.
X	MCHDMI-S-RA-2-SMT-KT-T/R	B

REF: S00015C | SCALE: NTS | SHEET 1 OF 1