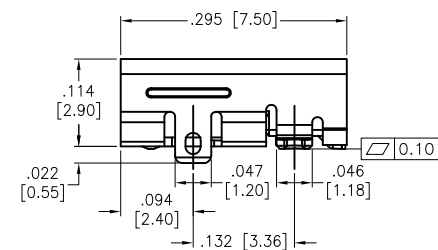
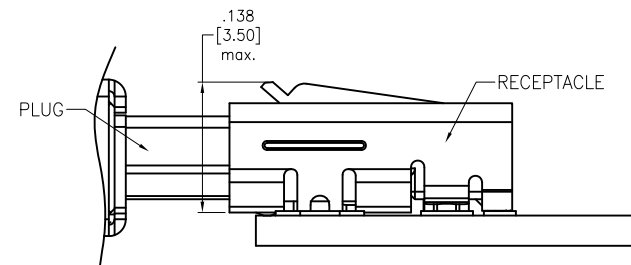
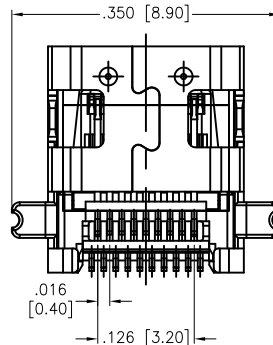
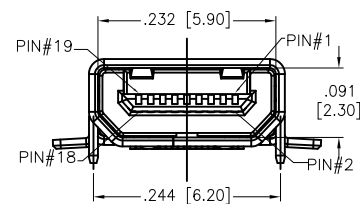
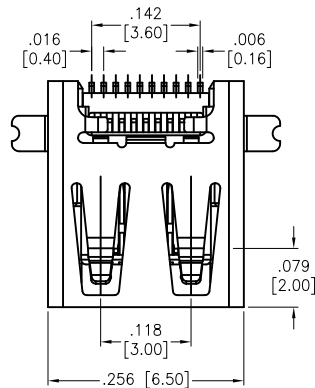
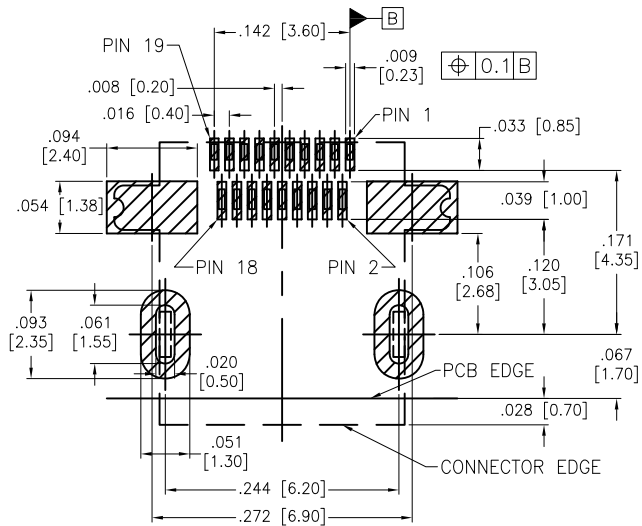


APPROVED: _____
DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	1/4/11	
A		REVISED SPEC.	11/2/12	
B		REVISED DIM.	12/4/12	
C		UPDATED DRAWING	3/25/15	HR/NC



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
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:

Operating 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 +85°C

Environmental:

Lead free, 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	AY	1/4/11
CHECKED	AH	1/4/11
APPROVED		



TITLE		
MICRO HDMI, SINGLE PORT, RIGHT ANGLE, SMT		
SIZE X	PART NO. MCHDMI-S-RA-1-SMT	REV. C
REF: S00015C	SCALE: NTS	SHEET 1 OF 1