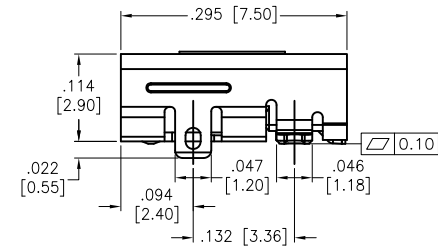
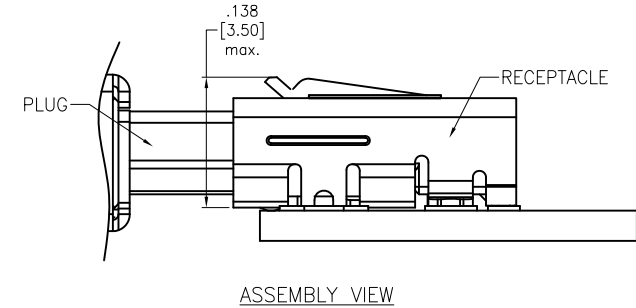
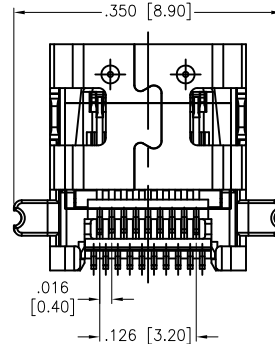
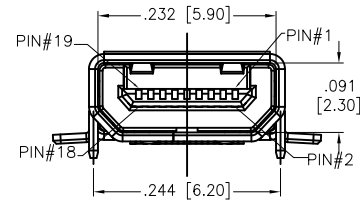
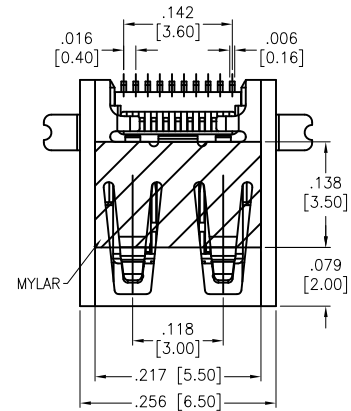
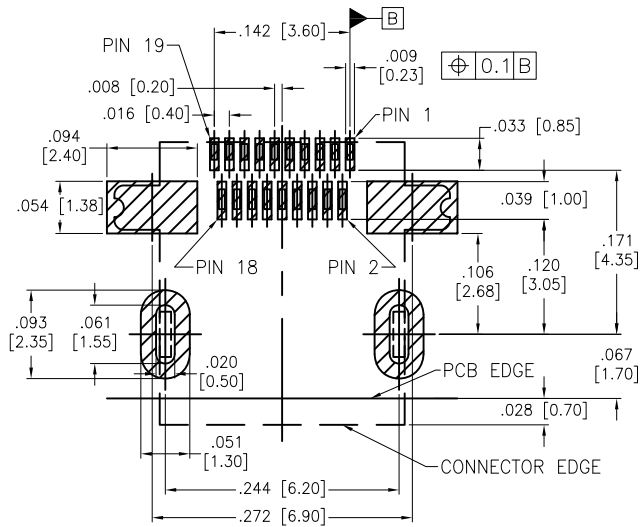


APPROVED: _____
DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	3/25/15	
A		UPDATE SPEC.	4/2/15	AY/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	TYPE D CONNECTOR
SECOND MAKE	CONNECTOR SHELL
THIRD MAKE	PINS 1-18
	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:

15u" Gold over Nickel underplate on contact area

Gold over Nickel underplate on solder tails

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.



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	HR	3/25/15
CHECKED	NC	3/25/15
APPROVED		



TITLE MICRO HDMI, SINGLE PORT, RIGHT ANGLE SURFACE MOUNT TYPE, WITH MYLAR			REV. A
SIZE X	PART NO. MCHDMI-S-RA-1-SMT-15-KT-T/R		
REF: S00015C	SCALE: NTS	SHEET 1 OF 1	