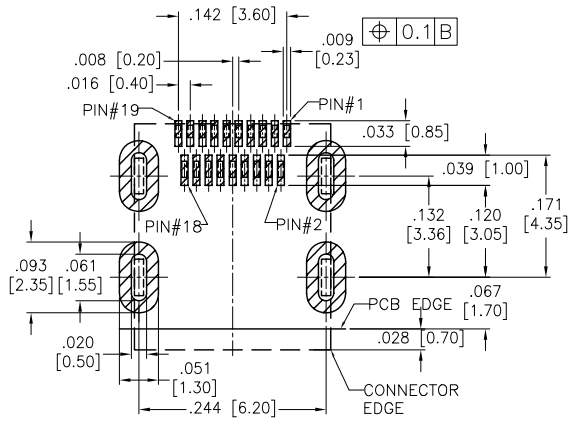
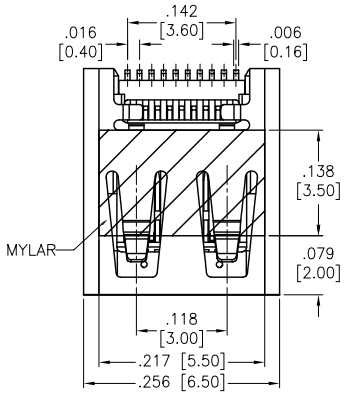
APPROVED: _____

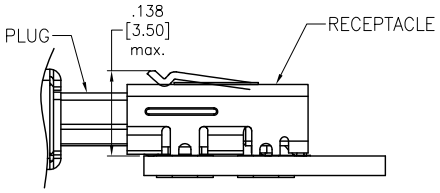
DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	3/25/15	
A		UPDATE DRAWING	4/2/15	AY/NC

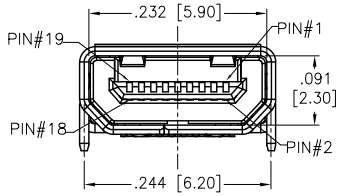


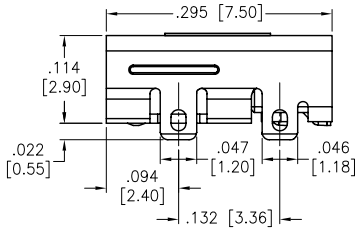
RECOMMENDED PCB LAYOUT

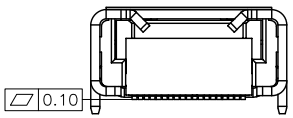


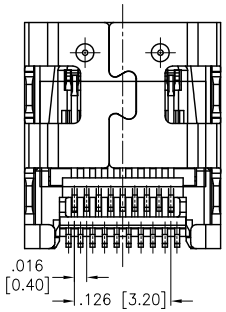


ASSEMBLY VIEW









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:
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

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)

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		

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

SIZE	PART NO.	REV.
X	MCHDMI-S-RA-2-SMT-15-KT-T/R	A

REF: S00015C SCALE: NTS SHEET 1 OF 1