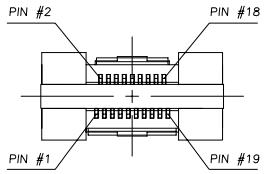
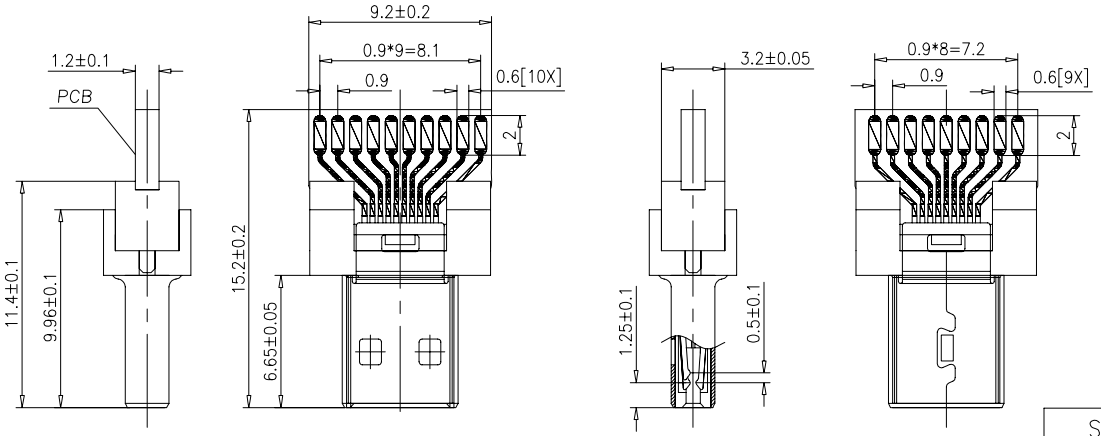
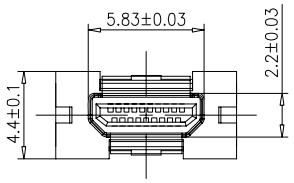
Rev	ECN NO.	B.Y.	Date



ROHS Compliant





NOTE:
1.Electrical
1.1.Rated Voltage:40V AC/DC maximum
1.2.Rated Current:0.3A max.
1.3.Dielectric strength:150V AC/1 minute
1.4.Insulation Resistance:150V DC 10MΩ min.
1.5.Contact Resistance:30MΩ Max.
2.Mechanical
2.1.Insertion Force Max:4.5kgf max.
2.2.Removal Force Min:0.5kgf min. , 2.5kgf max.
2.3.Durability: 5,000 cycles at 100±50 cycles per hour
3.Plating
3.1.Terminal:
Contact area:5u" gold plate over 50u" NI min.
Solder area:100u" pure TIN plate over 50u" NI min.
3.2.Shell: 1u" gold plate over 100u" Cu min.
4.Ambient Temperature:-25°C To +85°C

PART NAME	Mechanical	QT'Y	NOTE
SHELL	SPCC	1	1u" GOLD PLATE OVER 50u" Cu min.
PCB	FR-4	1	SN
18Pin TERMINAL	C5191	18	CONTACT AREA:5u" GOLD PLATE OVER 50u" NI min. SOLDER AREA:100u" PURE TIN PLATE OVER 50u" NI min.
1Pin TERMINAL (SHORT)	C5191	1	CONTACT AREA:5u" GOLD PLATE OVER 50u" NI min. SOLDER AREA:100u" PURE TIN PLATE OVER 50u" NI min.
BACK INSERT HOSING	LCP	1	BLACK,UL 94-V0
HOSING	LCP	1	BLACK,UL 94-V0

-TOLERANCES-
UNLESS OTHERWISE SPECIFIED

0.=±.20 0°=±1.5°
0.0=±.10 0.0°=±1.0°
0.00=±.05 0.00°=±0.5°

BossConn

Title: HDMI-D TYPE PLUG SOLDER

P/N: HDD-M-C005

Appd:					
Check:	Date	Scale	Unit	Type	Page
Draw.:	2011.01.01	Free	MM	Z	1/1