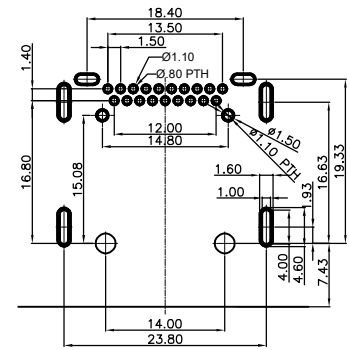
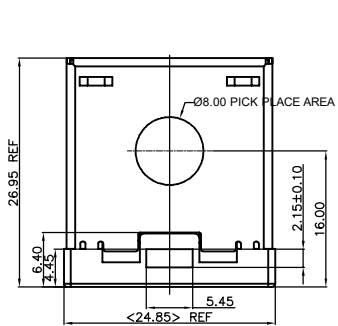
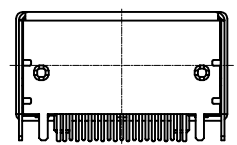
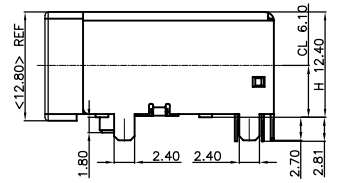
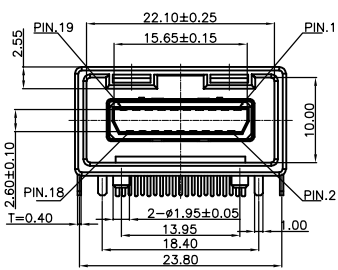


RoHS Compliant

REVISIONS			
REV.	DESCRIPTION	DATE	DESIGN

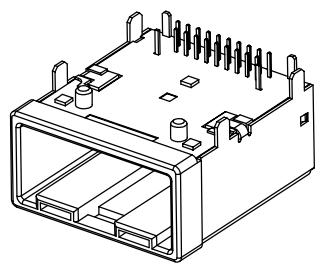
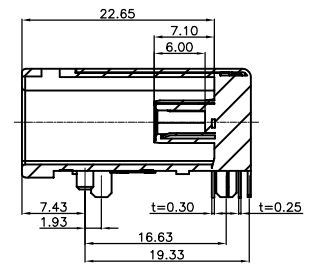
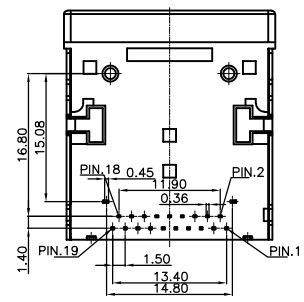
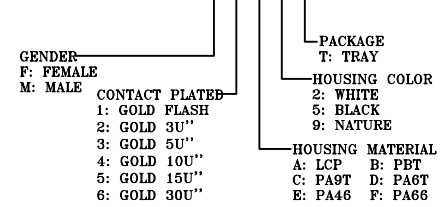


RECOMMENDED PCB LAYOUT (TOP VIEW)  
PCB THICK T=1.6mm TOLERANCE: ±0.05mm



- NOTE:
- MATERIAL:
    - INSULATOR:HIGH TEMPERATURE PLASTIC UL 94 V-0;BLACK
    - CONTACT:COPPER ALLOY(T=0.25mm)
    - SHELL:SPCC(T=0.40mm)
    - INNER SHELL:COPPER ALLOY
  - ELECTRICAL CHARACTERISTICS:
    - CONTACT RESISTANCE:30mΩ Max
    - CONTACT CURRENT RATING:0.5A 40 V
    - DIELECTRIC WITHSTANDING VOLTAGE: 500 V AC FOR 1 MINUTE
    - INSULATION RESISTANCE 100 MΩ Min 500 V DC.
    - OPERATING TEMPERATURE:-40° C ~ 85° C
  - MECHANICAL CHARACTERISTICS:
    - MATING FORCE:4.5 KgF Max
    - UNMATED FORCE:1.0~4.0 KgF AFTER 10000 CYCLES LIFE TEST
  - PLATING
    - TERMINAL CONTACT:(SEE TAB) GOLD PLATING ALL OVER 50u" MIN NICKEL AND 80u"MIN Tin ALL OVER 50u" MIN NICKEL ON SOLDER AREA
    - SHELL:50u"MIN. NICEL ALL OVER
  - FOR REFLOW SOLDERING LEAD-FREE PROCESS
  - PART NUMBER:

**DHD01 - F X X 5 T - 005**



PIN #	SIGNAL ASSIGNMENT	PIN #	SIGNAL ASSIGNMENT	MATING SEQUENCE
1	TMDS Data2+	2	TMDS Data2 Shield	THIRD PIN18 (+5V POWER)
3	TMDS Data2-	4	TMDS Data1+	
5	TMDS Data1 Shield	6	TMDS Data-	
7	TMDS Data0+	8	TMDS Data0 Shield	SECOND PIN 1-17 PIN 19
9	TMDS Data0-	10	TMDS Clock+	
11	TMDS Clock Shield	12	TMDS Clock-	
13	CEC	14	HEAG +	
15	SCL	16	SDA	
17	HEAG Ground	18	+5V Power	
19	HFAC -			
SHELL	SHIELD			FIRST MAKE

**Bestcreate Technology Limited**

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 .X ± 0.35    .X' ± 3'  
 .XX ± 0.25    .X' ± 2'  
 .XXX ± 0.15    .XX' ± 1'  
 Website: [www.bsc-elec.com](http://www.bsc-elec.com)  
 Email: [bestcreate@bsc-elec.com](mailto:bestcreate@bsc-elec.com)

DESIGN: I. L    DATE: 2017. 3. 1  
 CHECKED: C. W    DATE: 2017. 3. 1  
 APPROVED: C. W    DATE: 2017. 3. 1

TITLE: **HDMI E TYPE FEMALE CONNECTOR 90° DIP TYPE**  
 MATERILA:    PART NO: DHD01-FXX5T-005    SIZE: A4  
 FINSH:    DWG NO: DHD01-FXX5T-005

REV: A	UNIT: mm	SCALE: 1=1	QUALITY SYMBOLS
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