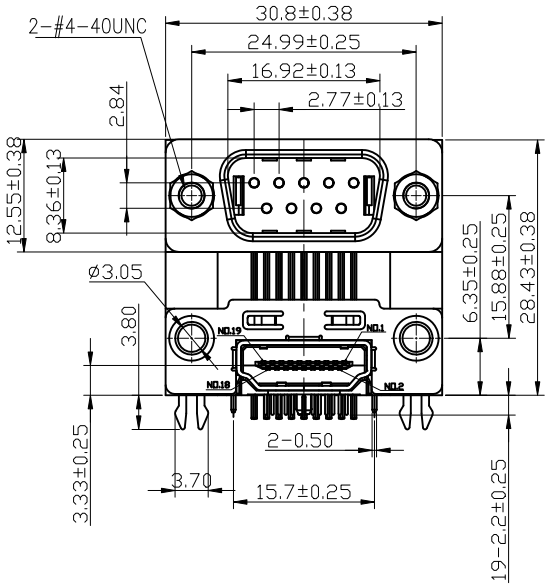
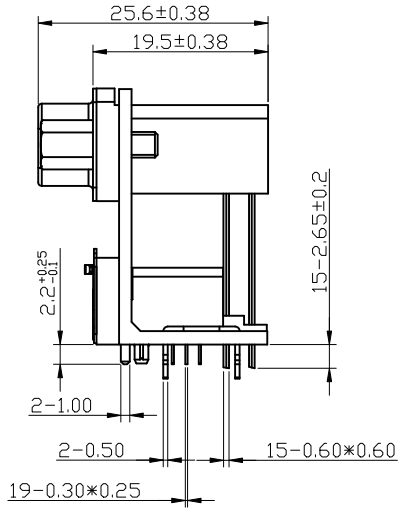
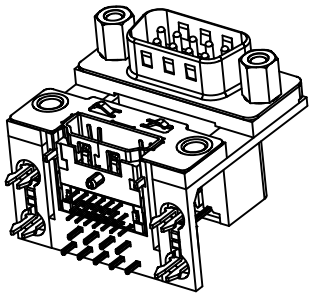
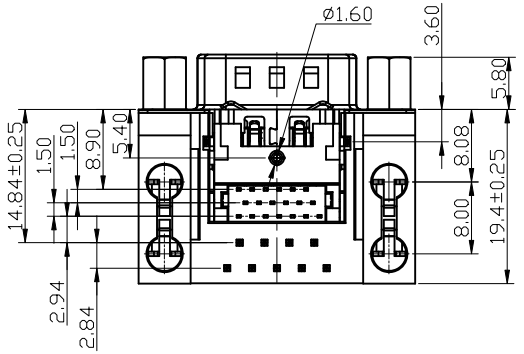
PROPRIETARY INFORMATION
COMPANY CONFIDENTIAL

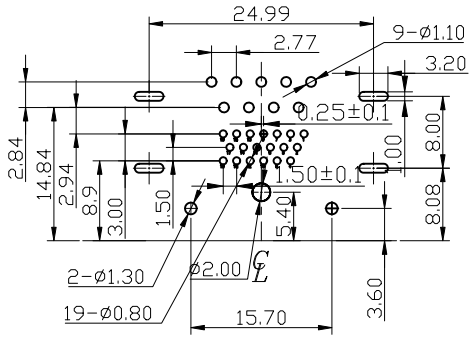
REV.	ECN. NO.	DESCRIPTION	ENG	DATE
A		INITIAL	Sun	4/10/2015











RECOMMENDED P.C.B LAYOUT

NOTES:

1. D-SUB
1.1 Voltage: 30 VAC(RMS) Max.
1.2 Current Rating: 3 Ampere per Contact
1.3 Contact Resistance: 25 Milliohms Max.
1.4 Insulation Resistance: 5000 Megohms Min.
1.5 Dielectric Withstanding Voltage: 1000 VAC(RMS)
1.6 Total Mating Force: 4.0 Kgf Max.
1.7 Total Unmating Force: 1.0 Kgf Min.
1.8 Operating Temperature: -55°C to +85°C

2. HDMI
2.1 Voltage: 30 VAC(RMS) Max.
2.2 Current Rating: 0.5 Ampere per Contact
2.3 Contact Resistance: 30 Milliohms Max.
2.4 Insulation Resistance: 100 Megohms Min.
2.5 Dielectric Withstanding Voltage: 500V DC(RMS)
2.6 Total Mating Force: 4.5 Kgf Max.
2.7 Total Unmating Force: 1.0 Kgf Min.
2.8 Operating Temperature: -55°C to +85°C

PART.NUMBER:

DSHR-20 28 - 2 6 1 0 T
① ② ③④⑤⑥⑦

1.CONNECTOR:
DSHR-20: D-SUB HIGH DENSITY 9 MALE/HDMI
19-POS. FEMALE DIP TYPE

2.POSITIONS:
28: 28 POSITIONS

3.INSULATOR MATERIAL:
2: PBT+LCP

4.INSULATOR COLOR:
6: BLACK+GREEN

5.CONTACT PLATING:
1: GOLD FLASH

6.SHIELD PLATING:
0: NONE SHIELD

7.PACKING:
T: TRAY

ITEM	NAME	Q'TY	DESCRIPTION	NOTE
8	SCREW	2	FREE-CUTTING BRASS,80u" NICKEL PLAING OVERALL	
7	GOSKET	1	STAINLESS STEEL	
6	BOARDLOCK	4	BRASS,TIN 100u" PLATING OVERALL	
5	SHELL(D-SUB)	1	SPCC,80u" NICKEL PLAING OVERALL	
4	SHELL(HDMI)	1	SUS,80u" NICKEL PLAING OVERALL	
3	CANTACT(DSUB+HDMI)	9+19	BRASS,GOLD FLASH PLATING ON CONTACT AREA,100u" TIN PLATING ON SOLDER AREA,50u" NICKEL UNDER PLATING OVERALL	
2	HOUSING(D-SUB)	1	PBT+30%GF,COLOR GREEN 322C	UL94-V0
1	HOUSING(HDMI)	1	LCP+30%GF,COLOR BLACK	UL94-V0

GENERAL TOLERANCE	ANGLE TOLERANCE
X.±0.50	X°± 5.0°
.X±0.38	.X°± 3.0°
.XX±0.25	.XX°± 2.0°
.XXX±0.15	.XXX°± 1.0°

MATL SEE BOM
FINISH SEE NOTES
SCALE N/A UNIT mm
SHEET 1 OF 1

	DATE
DRAWN Sun	4/10/15'
CHECKED	
APPROVED River	4/10/15'

GENESIS TECHNOLOGY,INC

TITLE: D-SUB HIGH DENSITY 9 MALE/HDMI 19-POS. FEMALE DIP TYPE
PART NUMBER: DSHR-2028-2610T
DRAWING NO. GT26-210451
SIZE A4
REV. A