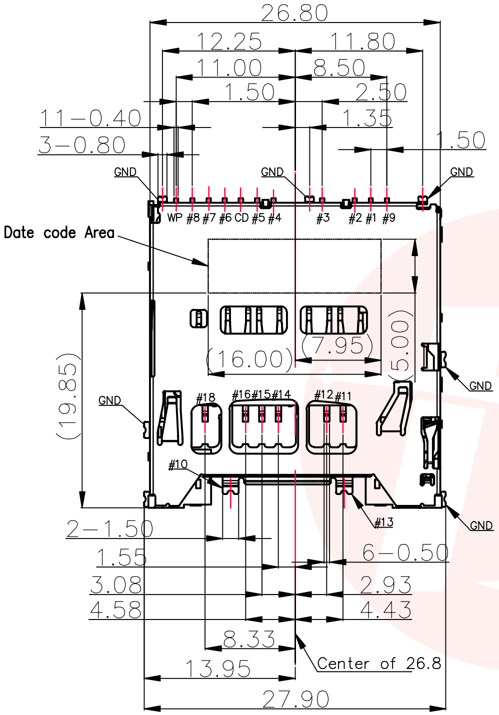
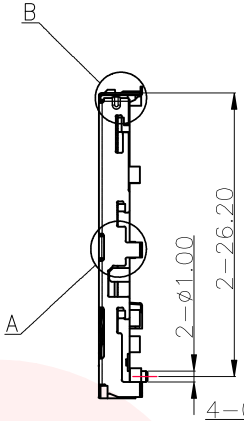
Pb Process Capable

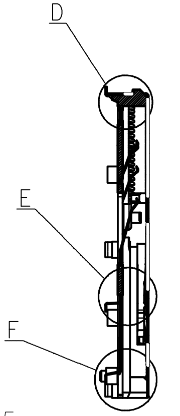
RoHS Compliant 2011/65/EU

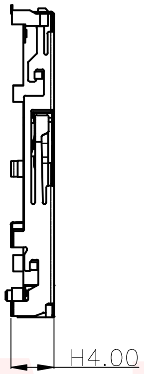
HALOGEN Compliant Halogen Free

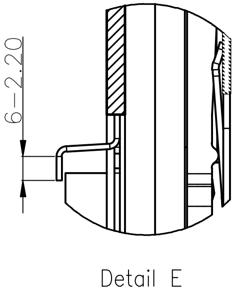
REV.	ECN NO OR DESCRIPTION	REVISED	DATE



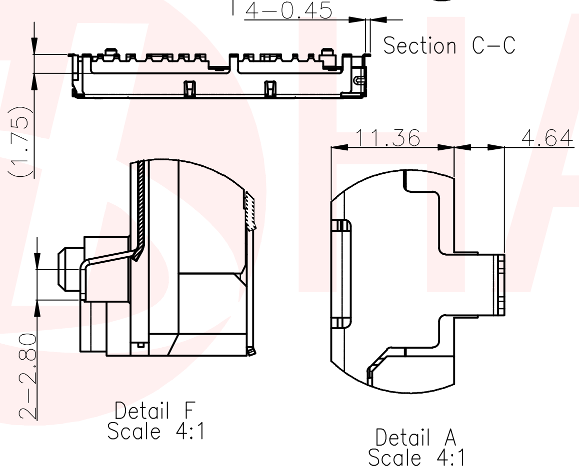






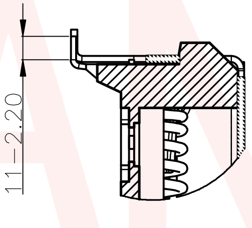


Detail E
Scale 4:1

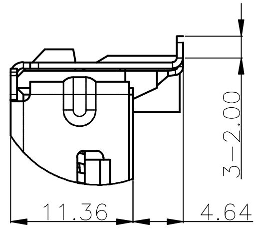


Detail F
Scale 4:1

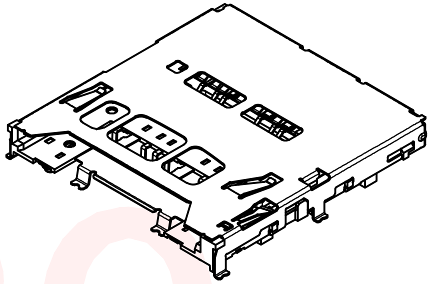
Detail A
Scale 4:1

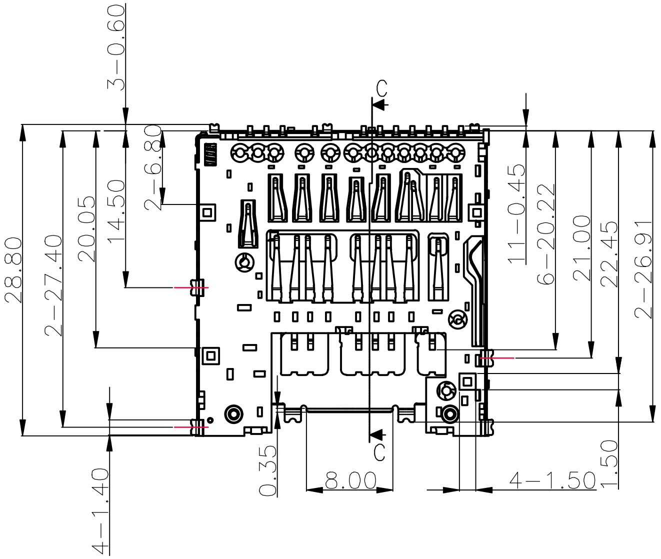


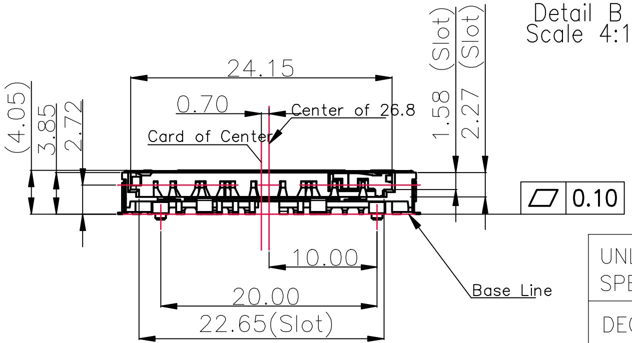
Detail D
Scale 4:1



Detail B
Scale 4:1







Note:

1. Material:
   - 1-1. Plastic: LCP, S475, Black,HF, UL94V-0
   - 1-2. Contact: C5210
   - 1-3. Shell: SUS304
2. Plating:
   - 2-1. Contact:
     - Contact Area: Au 1μ" min. Plating Over Ni 50μ" min.
     - Soldertile: Gold Flash Plating Over Ni 50μ" min.
   - 2-2. Shell:
     - Solderable Ni 50μ" min. Over All
3. Contact And Soldertile Coplanarity to be 0.10mm max.
4. Electrical Characteristics:
   - 4-1. Contact Current Rating:0.5Amperes.
   - 4-2. Dielectric Withstanding Voltage:AC500V r.m.s.
   - 4-3. Insulation Resistance:1000 Megohms
   - 4-4. Contact Resistance:100 Miliohms Maximum.
5. Environmental:
   - 5-1. Operating Temperature:-25° C to +85° C.
   - 5-2. Salty spray: 48H

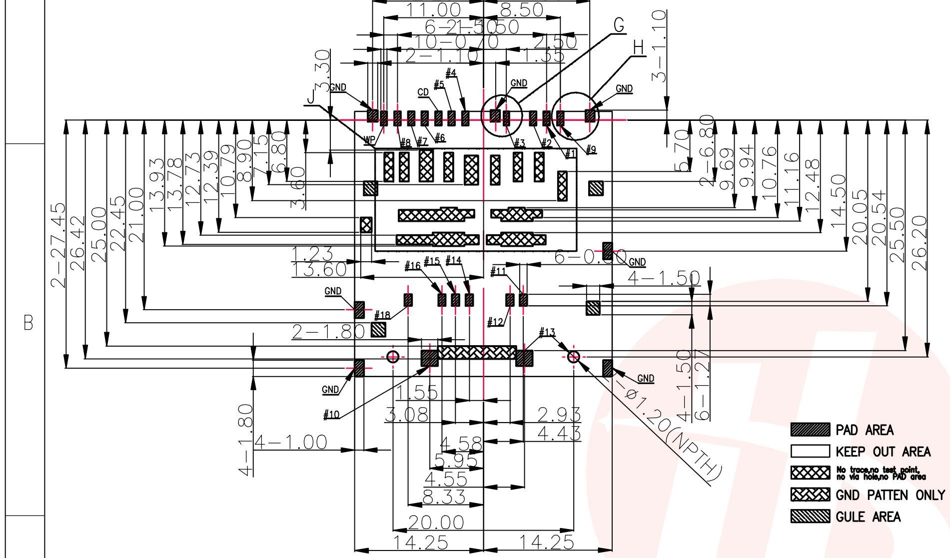
UNLESS OTHERWISE SPECIFED TOLERANCES		东莞市汉博电子科技有限公司 DONGGUAN HANBO TECHNOLOGY CO., LTD	
DECIMALS:	ANGLES:	TITLE	SD 7.0 H4.0 SMT PUSH-PUSH
X :±0.35	X :±2°	DWN xiong	PART NO. SD-740
X.X :±0.20	X.X :±1°	CHKD lee	SCALE:1:1 UNIT: mm
X.XX :±0.10		APVD wang	SIZE: A4 SHEET:1OF 1 REV: A4
		CUSTOMER COPY	

REV.	ECN NO OR DESCRIPTION	REVISED	DATE

Pb Process Capable

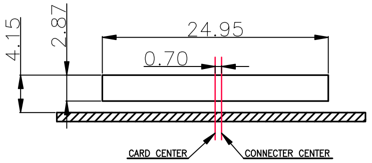
RoHS Compliant 2011/65/EU

HALOGEN Compliant Halogen Free



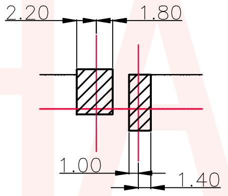
RECOMMENDED PCB LAYOUT (TOP VIEW)
TOLERANCE UNLESS OTHERWISE SPEC ±0.05

▨ PAD AREA
☐ KEEP OUT AREA
▩ No trace,no test point, no via hole,no PAD area
▩ GND PATTEN ONLY
▨ GULE AREA

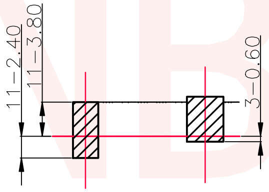


RECOMMENDED ID DOMENSION

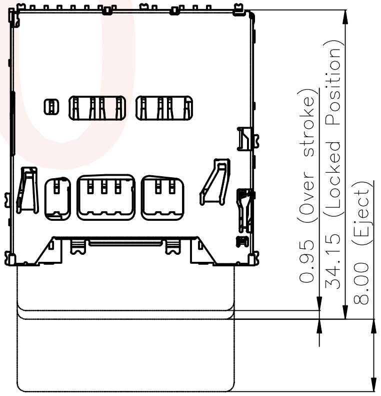
Card Uninsertion	#CD Open GND #WP Open GND
Card Write Protect insertion	#CD Short GND #WP Open GND
Card Normal insertion	#CD Short GND #WP Short GND



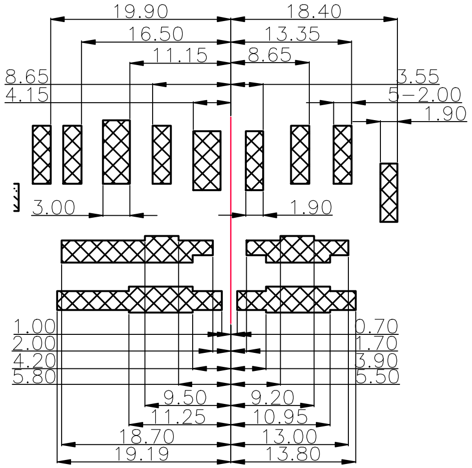
DETAIL G
SCALE 4:1



DETAIL H
SCALE 4:1



Card Push State



DETAIL J
SCALE 2:1

Pin Assignment

Pin#	SD Mode	UHS II Mode	SD Express Card	Pin#	SD Mode	UHS II Mode	SD Express Card
#1	CD/DAT3		PERST#	#11		D0+	PCIe_Tx+
#2	CMD			#12		D0−	PCIe_Tx−
#3	VSS1	VSS1	VSS1	#13		VSS4	VSS4
#4	VDD	VDD1	VDD1	#14		VDD2	VDD2
#5	CLK			#15		D1−	PCIe_Rx−
#6	VSS2	VSS2	VSS2	#16		D1+	PCIe_Rx+
#7	DAT0	RCLK+	REFCLK+	#17		VSS5	VSS5
#8	DAT1	RCLK−	REFCLK−	#18			VDD3
#9	DAT2		CLKREQ#	CD	Card Detect		
#10		VSS3	VSS3	WP	Write Protect		

Function #10, #13, #17 were integrated into 2 pin inMechanical design, and compares to the Layout would be (#10, #13)

UNLESS OTHERWISE
SPECIFED TOLERANCES

DECIMALS: ANGLES:
X :±0.35 X :±2°
X.X :±0.20 X.X :±1°
X.XX :±0.10

东莞市汉博电子科技有限公司
DONGGUAN HANBO TECHNOLOGY CO. , LTD

TITLE	SD 7.0 H4.0 SMT PUSH PUSH			
DWN	xiong	PART NO. SD-740		
CHKD	lee	SCALE:1:1	UNIT: mm	
APVD	wang	SIZE: A4	SHEET:1OF 1	REV: A4

CUSTOMER COPY

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Memory Card Connectors ***category:***

Click to view products by Hanbo Electronic ***manufacturer:***

Other Similar products are found below :

M21-033321-005 6407-249V-25273P 6407-249V-25343P 6426-201-21343 69.920.0553.0 MCR60A-98D-2.54DSA(70) 809180410000000 DM3AT-SF-PEJM5(41) IC11S-BUR-PNEJL(71) 252-0144-000 2041353-2 308-DS1P0811-192 HM2P09PDR360N9LF 10014744-011TLF 11327-001 11327-002 617230001 NX1-32T-KT3K(05) N7E50-U516RB-50-SIN0005 68-580163-21S 125A-78C00 CCM03-3109 B LFT 2309923-1 61126-050CAHLF IC1GA-68PD-1.27DS-EJ(72) GTFP08432B1HR SCE2MSDZN76A121SN 10014744-011ALF 10014744-011LF 10057542-1211FLF 10067972-000LF 10067972-050LF 10122302-20110LF G85D1162022HHR MUP-C7809-1 NANO SIM 7P H1.37 MICRO SIM 7P H1.35 TF-CARD H1.8 SY MICRO SIM 6P H1.35 TF-CARD H1.8 TF-115Y-BCP9 TF-115YY-ACP9 SMN-309-ARP6 TF-115Y-ACP9 TF-108-ARP10 SMN-303S-ACP7 SNO-14100 SD-112S MUP-C7804-1 KH-TF-07DT