

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
2	②	Structural and size changes	20/OCT/21	KATE	CHERRY
3	③	Update dimensions and PCB layout	23/JAN/24	MATT	LEO

Electrical

Current Rating: 0.5A AC(rms)/DC

Voltage Rating: 100V AC(rms)/DC

Contact Resistance: 80 mΩ Max

Insulation Resistance: 1000 MΩ MIN

Withstanding Voltage: 500V AC r.m.s

Temperature Range—Operating: -25℃~+80℃

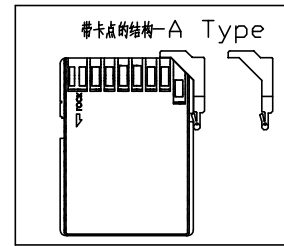
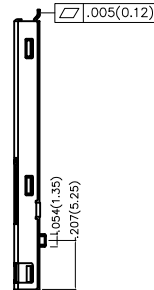
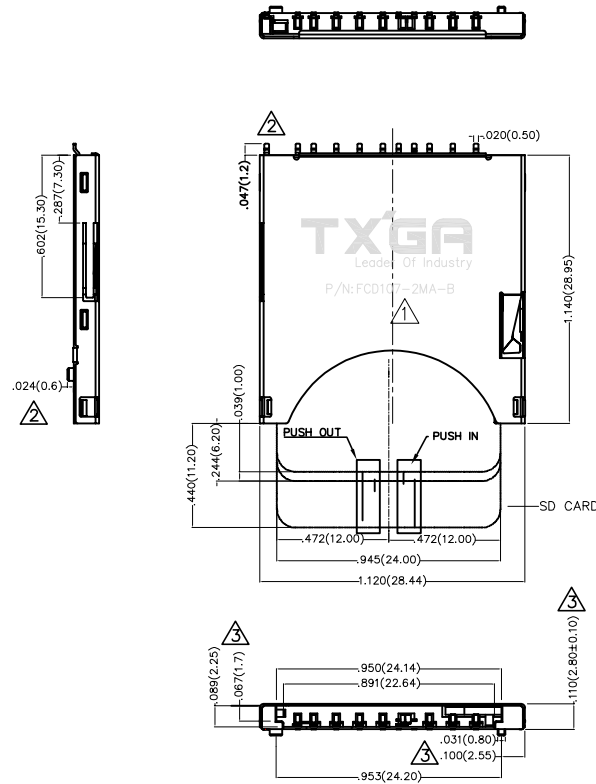
Material and Plating

Housing: High Temperature Plastic(UL 94V-0)

Contact Pin: Phosphor Bronze

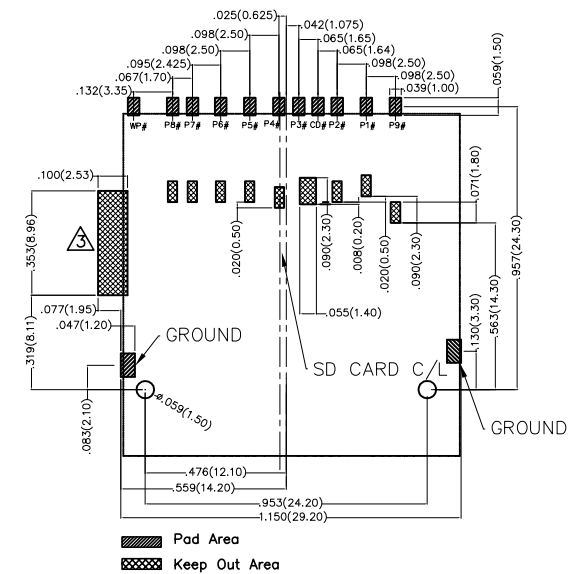
Plating: Gold on contact area, matte tin on solder area

Durability: 10,000 Times



WP	GROUND	WP	GROUND	WP	GROUND
CD	3	CD	3	CD	3
WIHOUT CARD		CARD INSERTED		CARD INSERTED	
		WRITE PROJECT:LOCK		WRITE PROJECT:UNLOCK	

Pin No.	Pin Assignmeng	TYPE	DESCRIPTION
1	CD/DAT3	1/0/PP	Caed Detect/Date Line(bit3)
2	CMD	PP	Command/Response
3	VSS1	S	Supply Voltage Ground
4	VDD	S	Supply Voltage
5	CLK	I	Colck
6	VSS2	S	Supply Voltage Ground
7	DAT0	1/0/PP	Date Line(bit0)
8	DAT1	1/0/PP	Date Line(bit1)
9	DAT2	1/0/PP	Date Line(bit2)



Recommended P.C.Board Layout
Tolerance: ±.002(0.05)

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 31/JUL/13	PART NO. FCD107-2MA-B	ITEM NO. FCD107-B	 Building Technology Cornerstone		
		X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE	SD card connector(H:2.75mm) (Push to Push)			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X.±2°	CHERRY	31/JUL/13				REV 3	SHEET NO. 1/1
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX±1°	DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
		X.XXX±.004(0.10)	.XXX±0.5°	JACOB	31/JUL/13					