

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Structural and size changes	22/DEC/20	KATE	CHERRY

Electrical

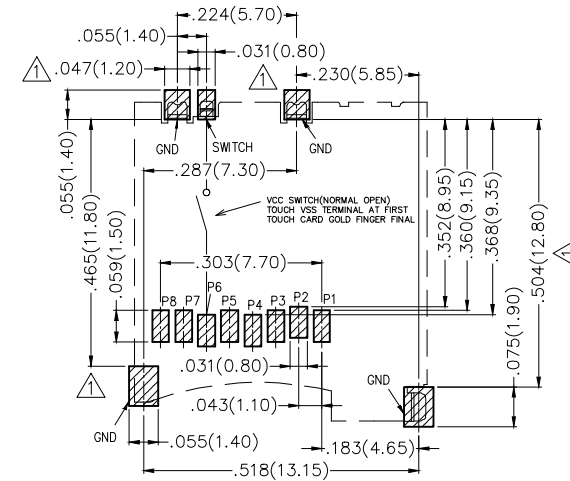
Current Rating: 0.5A AC(rms)/DC
Voltage Rating: 100V AC(rms)/DC
Contact Resistance: 100 m Ω Max
Insulation Resistance: 1000 M Ω MIN
Withstanding Voltage: 500V AC r.m.s
Temperature Range—Operating: -20°C~+85°C

Mechanical

Durability: 5,000 Cycles
Insertion force: 2.0kgf Max.
Extraction force: 0.2kgf Min.

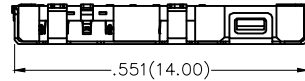
Material and Plating

Housing: High Temperature Plastic LCP (UL 94V-0)
Contact Pin: Phosphor Bronze/ Gold plated on contact area and matte tin plated on tails area
Shell: Stainless steel/ Nickel plated overall and gold plated on solder area.

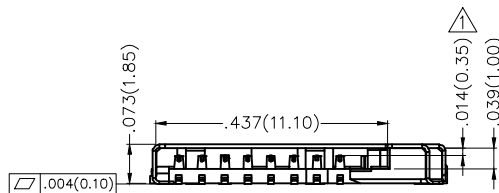
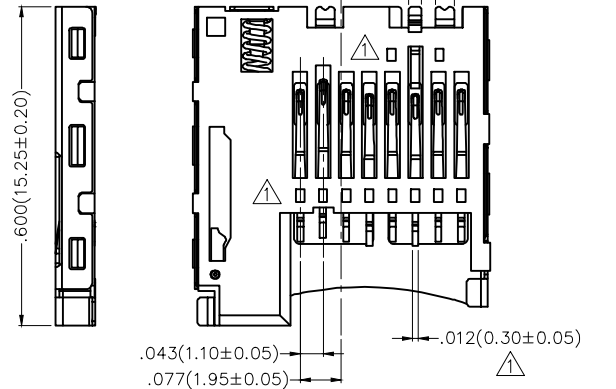
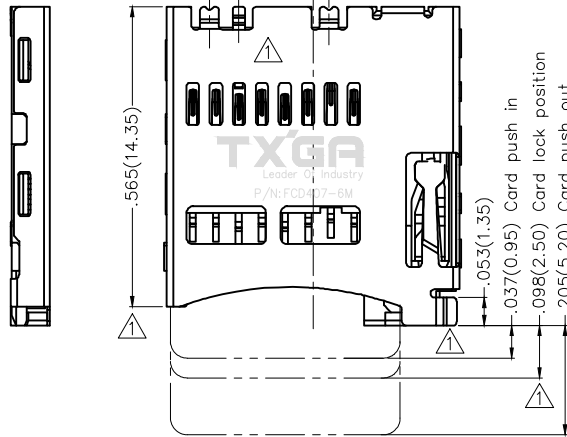


Recommended P.C.Board Layout

Tolerances: $\pm 0.05\text{mm}$



.055(1.40) .224(5.70) .030(0.75)



Pin No.	Pin Assignment	TYPE	DESCRIPTION
P1	DAT2	1/0/PP	Date line(bit2)
P2	CD/DAT3	1/0/PP	Coed Detect/Date Line(bit3)
P3	CMD	PP	Command Response
P4	VDD	/	Supply Voltage
P5	CLK	PP	Colck
P6	VSS	S	Supply Voltage Ground
P7	DAT0	1/0/PP	Date Line(bit0)
P8	DAT1	1/0/PP	Date Line(bit1)

Date Pin

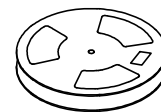
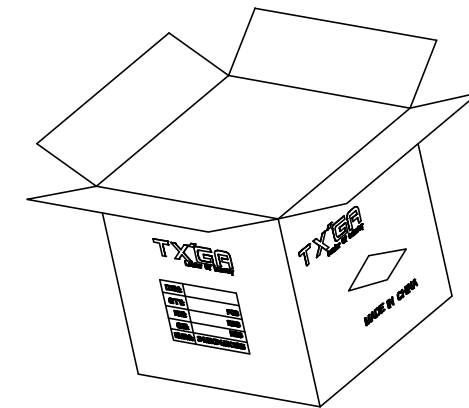
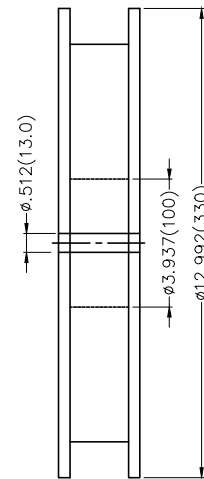
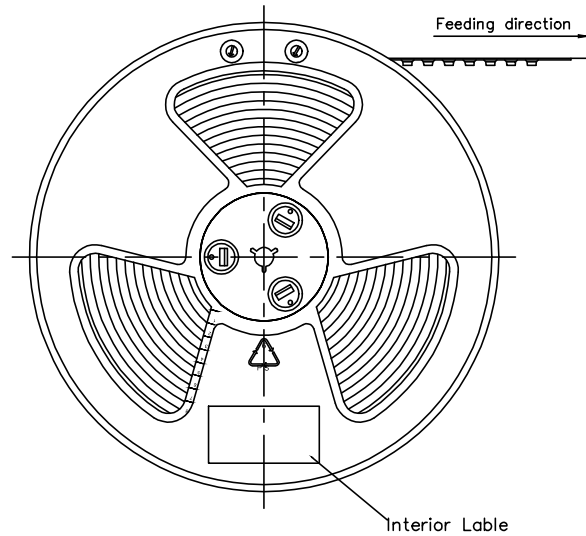
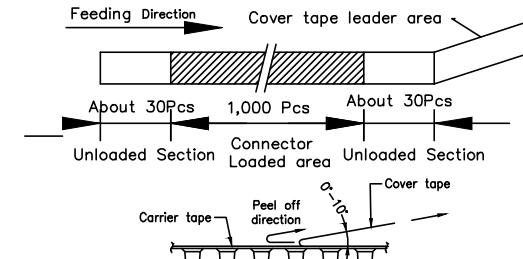
WITHOUT CARD
P6 SWITCH
CARD INSERTED
P6 SWITCH

		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 31/JUL/13	PART NO. FCD407-6M	ITEM NO. FCD407	 Leader Of Industry	
THIRD ANGLE PROJECTION		X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	.X°±2°	CHERRY	31/JUL/13	Mirco SD card connector(H:1.85mm) (Push to Push)		REV 1	SHEET NO. 1/2
SCALE		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			
5:1		X.XXX±.004(0.10)	.XXX°±0.5°	JACOB	31/JUL/13				
SIZE A4									

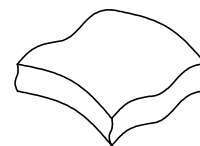
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Note:

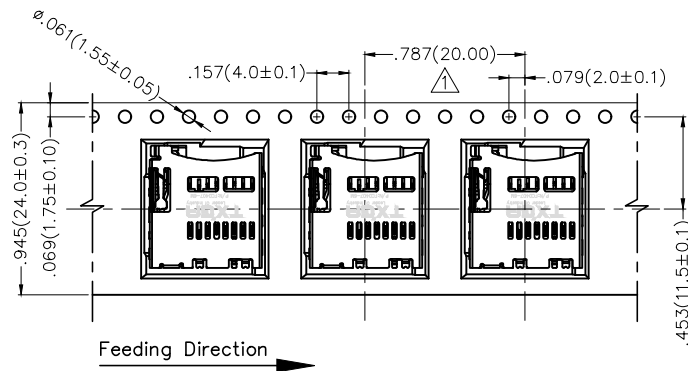
1. 10 sprocket hole cumulative tolerance $\pm 0.008(0.2)$
2. Carrier camber is within 1.0mm in 100mm
3. Material: White Conductive polystyrene Alloy 100% recyclable
4. All dimensions meet EIA-481-3 requirements
5. Component load per 13" reel: 1,000pcs



PE Bag



Drying agent/pcs



 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 31/JUL/13	PART NO. FCD407-6M	ITEM NO. FCD407	 Leader Of Industry	
		X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X.±2°	CHERRY	31/JUL/13	Mirco SD card connector(H:1.85mm) (Push to Push)		REV 1	SHEET NO. 2/2
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				