



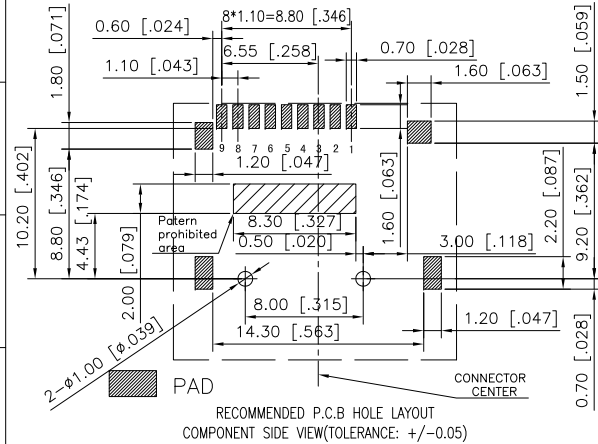
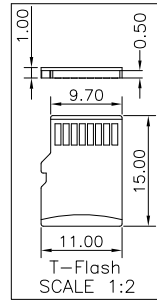
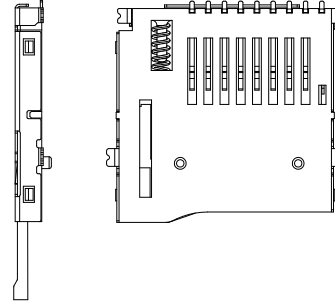
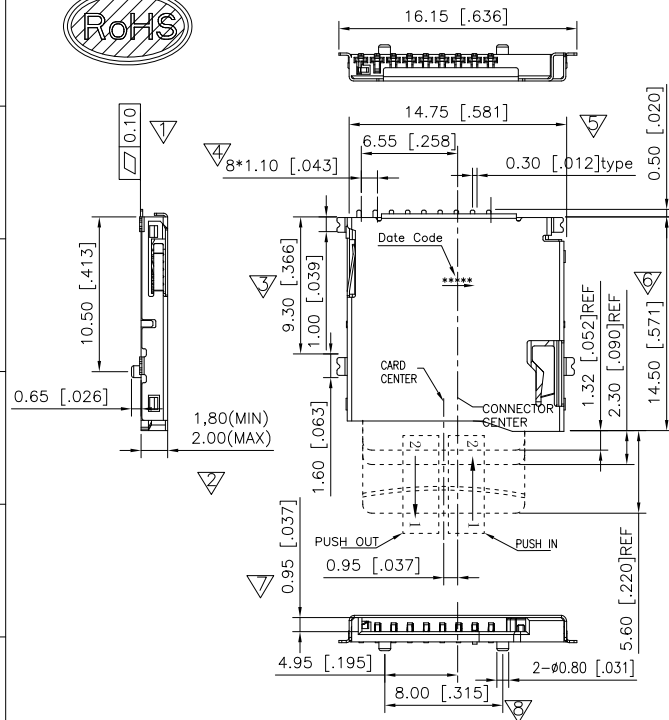
A

B

C

D

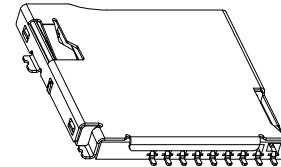
E



PIN NO.	NAME	TYPE	DESCRIPTION
1	DAT2	I/O/PP	DATE LINE(BIT2)
2	CD/DAT3	I/O/PP	CARD DETECT DATE LIN(BIT3)
3	CMD	PP	COMMAND RESPONSE
4	VDD	S	SUPPLY VOLTAGE
5	CLX	I	CLOCK
6	VSS	S	SUPPLY VOLTAGE GROUND
7	DAT0	I/O/PP	DATE LINE(BIT0)
8	DAT1	I/O/PP	DATE LINE(BIT1)
9	CD	I/O/PP	CARD DETECT
10	GND	S	SUPPLY VOLTAGE GROUND

SPECIFICATION

- ELECTRICAL CHARACTERISTICS:
 - CONTACT CURRENT RATING: 0.5A.
 - CONTACT RESISTANCE: 100 mOHMS MAX.(INITIAL)
40 mOHMS MAX CHANGE (AFTER LIFE TEST)
 - DIELECTRIC WITHSTANDING VOLTAGE: 500 V AC RMS.
 - INSULATION RESISTANCE: 1000 MOHMS MIN.
AFTER TEST 100 MOHMS MIN.
 - OPERATING CURRENT: 0.1A MAX.
- MECHANICAL CHARACTERISTICS:
 - CARD MATING FORCE: 1.2kgf MAX.
 - CARD UNMATING FORCE: 0.7kgf Min.
 - DURABILITY: 5000 CYCLES.
- ENVIRONMENT CHARACTERISTICS:
 - OPERATING TEMPERATURE: -25°C TO 85°C.
 - STORAGE TEMPERATURE: -40°C~85°C
- CARD OPERATION GUIDE:
 - COMPATIBLE CARD: Mirco SD & TF CARD
 - CARD INSERT DIRECTION:
THE CARD SIDE WITH ELECTRIC PAD SHOULD BE
AGAINST TOP SHIELD
- RECOMMENDED PEAK TEMPERATURE OF CUSTOMER IR
PROCESS IS 250±5°C 10 S
- ALL SMT CONTACTS AND PADS CO-PLANARITY: 0.10mm MAX
- DON'T PERMIT TO BE TAKEN SMT RE-FLOW PROCESS WHEN
PUSH-PUSH FEATURE IS IN LOCK STATUS.



PRODUCT NO:

WQ 2 1 8 0 1- B 2 180-7 F

Series Prefix
Micro SD
Memory Card Conn
Termination Type
2 = SMT Type
Switch Type
1 = Normal Open Type
No. of Pos.
8=8pin
Stand off Type
0 = 0mm
Contact Area Plating Thickness
1=Gold flash

Colour
B=Black
Withdraw Type
2=Normal / Push
Extension Code
Package Type
7=TAPE & REEL
LEAD FREE CODE
F=LEAD FREE

⑥	SLIDER	1	HIGH TEMPERATURE THERMOPLASTIC	COLOR : BLACK	
⑤	SPRING	1	S.W.P.		
④	HOUSING	1	HIGH TEMPERATURE THERMOPLASTIC	COLOR : BLACK	
③	SIGNAL CONTACT	9	COPPER ALLOY	NICKEL UNDERPLATING LEAD-FREE T1N PLATING AT SOLDER TERMINAL CONTACT AREA : GOLD FLASH PLATING	
②	CAM FOLLOWER	1	STAINLESS		
①	SHELL	1	STAINLESS	PLATE 40-60u" NICKEL OVER ALL	
NO.	DESCRIPTION	Q'TY	MATERIAL	FINISH	REMARK
X.	± 0.45 [0.018]	X°	±2°	NAME(INTENDED USE) CUSTOMER	FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED. CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input checked="" type="checkbox"/> GENERAL
.X	± 0.38 [0.015]	X°	±1°		
.XX	± 0.25 [0.010]	XX°			
.XXX	± 0.15 [0.006]	XXX°			
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			Q'TY N/A	CHKD: David Wang 09/26/17	
			DR: X.G Shi 09/26/17		
				SCALE 1:1	SHEET 1/1
					REV. AX2