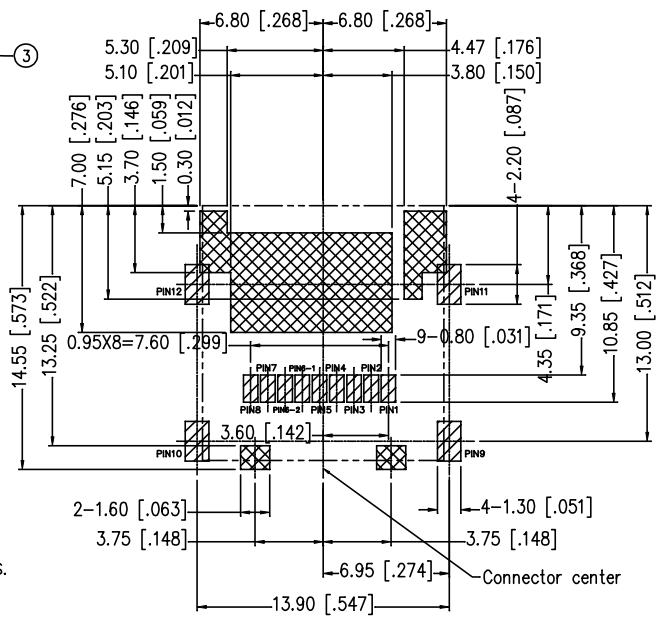


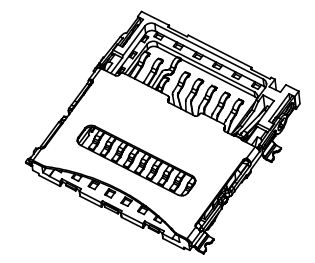
SPECIFICATION

1. ELECTRICAL CHARACTERISTICS:
 - 1.1 CONTACT CURRENT RATING: 0.5A.
 - 1.2 CONTACT RESISTANCE: 100 mOHMS MAX.(INITIAL)
40 mOHMS MAX CHANGE (AFTER LIFE TEST)
 - 1.3 DIELECTRIC WITHSTANDING VOLTAGE: 500 V AC RMS.
 - 1.4 INSULATION RESISTANCE: 1000 MOHMS MIN.
AFTER TEST 100M OHMS MIN.
 - 1.5 OPERATING CURRENT: 0.5A MAX.
2. MECHANICAL CHARACTERISTICS:
 - 2.1 INSERTION AND REMOVAL CYCLE: 5000 CYCLES
3. ENVIRONMENT CHARACTERISTICS:
 - 3.1 OPERATING TEMPERATURE: -25°C~90°C.
 - 3.2 STORAGE TEMPERATURE: -40°C~90°C.
4. CARD OPERATION GUIDE:
 - 4.1 COMPATIBLE CARD: Mirco SD & TF CARD
 - 4.2 CARD INSERT DIRECTION:
THE CARD SIDE WITH ELECTRIC PAD SHOULD BE AGAINST TOP SHIELD
5. RECOMMENDED PEAK TEMPERATURE OF CUSTOMER IR PROCESS IS 250±5°C 10 S
6. ALL SMT CONTACTS AND PADS CO-PLANARITY: 0.10mm MAX



RECOMMENDED P.C.B LAYOUT (COMPONENT SIDE)

1. DEFAULT TOLERANCE ±0.05 [0.002]
2. ■ : SOLDER PAD AREA.
3. □ : NO PARTS AREA.
4. ▨ : NO PATTERN AREA.



PIN NO.	PIN DEFINE
PIN 1	DATA2
PIN 2	CD/DATA3
PIN 3	CMD
PIN 4	V _{DD}
PIN 5	CLK
PIN 6-1	V _{SS}
PIN 6-2	CARD DETECT
PIN 7	DATA0
PIN 8	DATA1

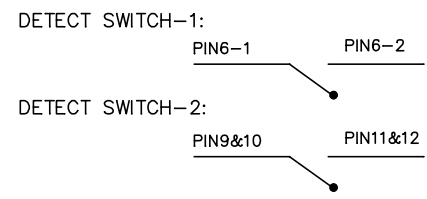
PIN FUNCTION DEFINE

PRODUCT NO:

WQ 2 1 8 2 * - DHS1-7 *

Series Prefix
 Miro SD
 Memory Card Conn
 Termination Type
 2 = SMT Type
 Switch Type
 1 = Normal Open Type
 No. of Pos.
 8=8pin
 Upper Cover Type
 2 = Metal Cover
 Contact Area Plating Thickness
 1 = 3~5u* Gold Plating
 3 = 30u* Gold Plating
 7 = 15u* Gold Plating
 Modification Code
 PACKAGE CODE
 7=TAPE REEL
 LEAD FREE CODE
 F=LEAD FREE
 H=Halogen/LEAD FREE

ELECTRIC FUNCTION	DETECT SWITCH-1	DETECT SWITCH-2
WITHOUT CARD	OPEN	OPEN
CARD INSERTED	CLOSE	CLOSE
SWITCH DIAGRAM	PIN6-1 — PIN6-2	PIN9&10 — PIN11&12



SWITCH OPERATION DIAGRAM

NO.	DESCRIPTION	Q'TY	MATERIAL	FINISH	REMARK
4	SHELL	1	SUS	CLEAN	
3	PAD	1	COPPER ALLOY	NICKEL UNDERPLATING G/F PLATING AT SOLDER TERMINAL	
2	SIGNAL CONTACT	9	COPPER ALLOY	NICKEL UNDERPLATING CONTACT AREA : GOLD PLATING G/F PLATING AT SOLDER TERMINAL	
1	HOUSING	1	HIGH TEMPERATURE THERMOPLASTIC	COLOR : WHITE	

X.	X.*	±1*	UNITS mm [inch]	NAME(INTENDED USE)	FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X	±0.38 [0.015]	.X*	MAT'L	CUSTOMER	CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input checked="" type="checkbox"/> GENERAL
.XX	±0.25 [0.010]	.XX*	N/A	PART NO.(INTENDED USE)	TITLE: MICRO SD CARD CONNECTOR
.XXX	.XXX*		FINISH	WQ2182*-DHS1-7F/H	DWG NO.: 303-0000-2679
			N/A	APPD: Dean Zhang 11/25'13	CHKD: J.C Wang 11/25'13
			Q'TY	DR: Ye Mei 11/25'13	SCALE SHEET REV. 1:1 1/1 D
			N/A		

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