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Rev.	Description	Date	Drawn by	Checked by	Approved by
A	New Drawing	2006/12/26	Michael	Gavin	Stephen

**NOTE:**

**Material and Finish:**

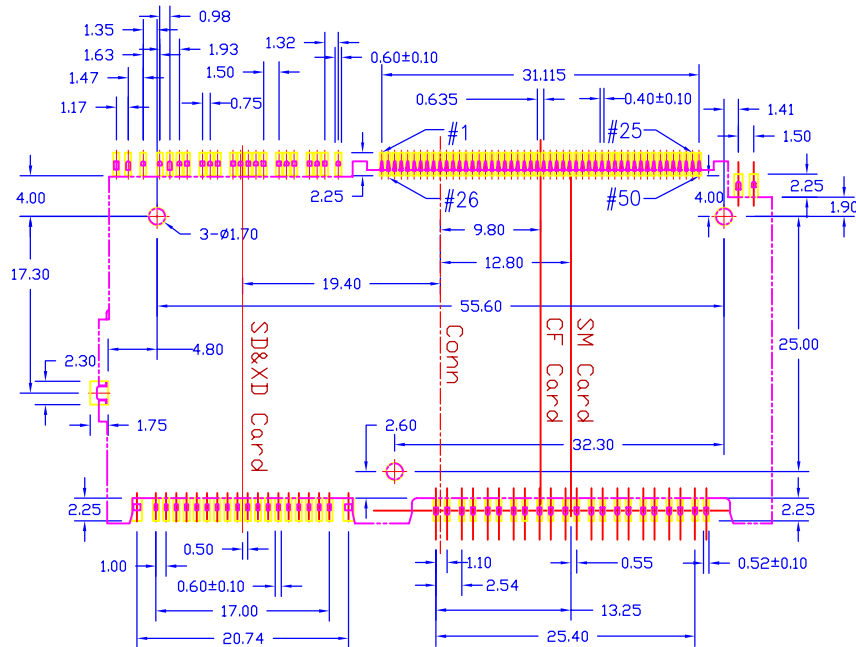
1. Housing: LCP (UL94V-0), Black.
2. Terminal: Copper Alloy, Gold Plating on Contact Area, Tin Plating on Solder Tail.

**Electrical Characteristics:**

1. Current Rating: 0.5 Amp. Max..
2. Dielectric Withstand Voltage: 500V AC RMS for 60Seconds.
3. Insulation Resistance: 500M Ohms Min. at 500V DC.
4. Contact Resistance: 100m Ohms Max..

**Mechanical Characteristics:**

1. Operating Temperature: -25°C ~ +60°C
2. Contact Us for Customization.



PCB Layout (Top View)

Table 1

Part No.	Dimensions			
H=4.25mm	Pos.	A	B	C
AEMCHS24B-043L	39			

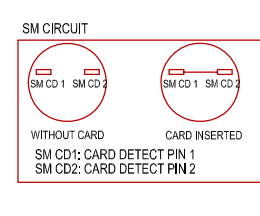
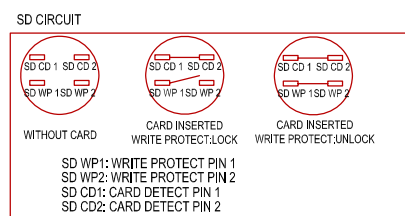
Table 2

SD CARD				MS CARD			
Pin No.	Name	Description	Pin No.	Name	Pin No.	Name	Description
1#	CD/DAT3	Card detect/Data I/O	1#	VSS	1#	VSS	VSS
2#	CMD	Command	2#	BS	2#	BS	BS
3#	VSS1	Ground	3#	VCC	3#	VCC	VCC
4#	VDD	Power	4#	DIO	4#	DIO	DIO
5#	CLK	Clock	5#	REVERSE	5#	REVERSE	REVERSE
6#	VSS2	Ground	6#	INS	6#	INS	INS
7#	DAT0	Data I/O	7#	REVERSE	7#	REVERSE	REVERSE
8#	DAT1	Data I/O	8#	SCLK	8#	SCLK	SCLK
9#	DAT2	Data I/O	9#	VCC	9#	VCC	VCC
			10#	VSS	10#	VSS	VSS

XD CARD				SM CARD			
Pin No.	Name	Pin No.	Name	Pin No.	Name	Pin No.	Name
1#	CD	11#	D1	1#	VSS	12#	VCC
2#	R/B	12#	D2	2#	CLE	13#	I/O5
3#	/RE	13#	D3	3#	ALE	14#	I/O6
4#	/CE	14#	D4	4#	/WE	15#	I/O7
5#	CLE	15#	D5	5#	/WP	16#	I/O8
6#	ALE	16#	D6	6#	I/O1	17#	*
7#	/WE	17#	D7	7#	I/O2	18#	GND
8#	/WP	18#	VCC	8#	I/O3	19#	R/B
9#	GND	19#	GND	9#	I/O4	20#	RE
10#	DD	20#	VCC	10#	VSS	21#	CE
				11#	VSS	22#	VCC

Part No. of CF Card	Pin Number	Dimensions
25,26	3.5mm	
All Other Pins	4.25mm	
1,13,38,50	5.00mm	



Tolerance 0.0 ±0.38 0.00 ±0.25 0.000 ±0.10	Drawn By <b>Michael</b>
	Checked By <b>Gavin</b>
	Approved By <b>Stephen</b>
Scale 1:1	Unit mm

**AECONN**

Title  
**1.50mm Pitch, SD+MMC+MS+XD+CF1+CF2+SM+MICRODRIVER  
8 In 1 Card, Surface Mount, 111P, Without Cover**

AECOM Technology Corp.



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