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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.

Table 1

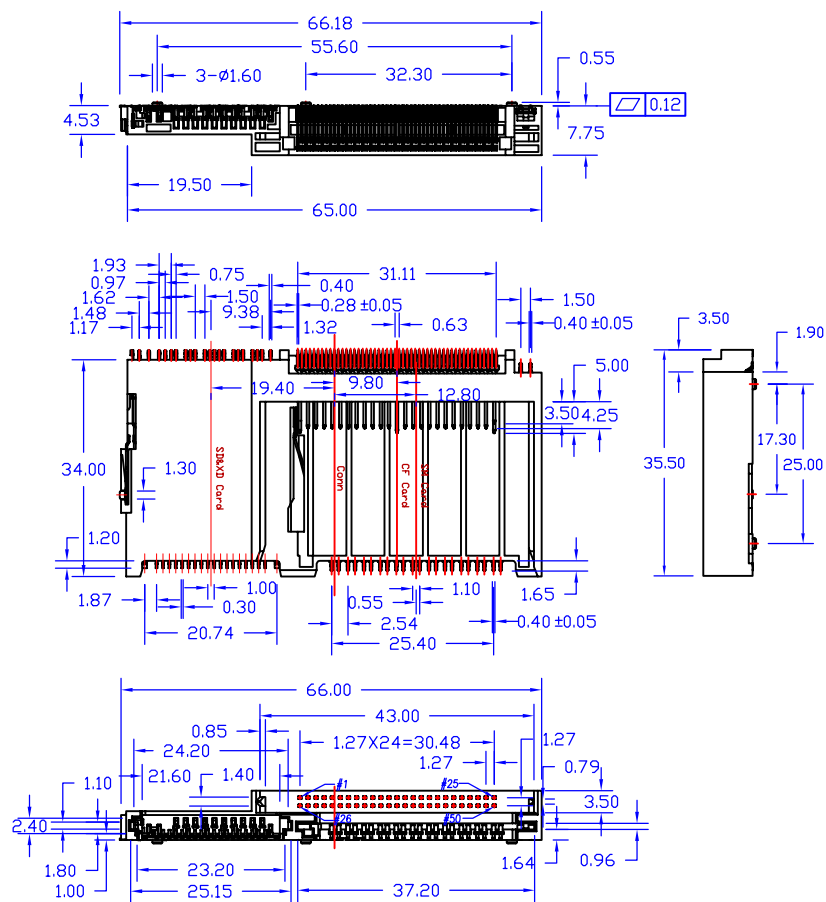
Part No.	Dimensions			
H=4.25mm	Pos.	A	B	C
AEMCHS24B-043L	39			

Table 2

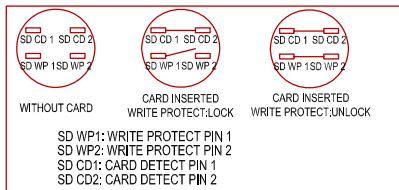
SD CARD				MS CARD			
Pin No.	Name	Description	Pin No.	Name	Pin No.	Name	Pin No.
1#	CD/DAT3	Card detect/Data IO	1#	VSS	1#	VSS	1#
2#	CMD	Command	2#	BS	2#	BS	2#
3#	VSS1	Ground	3#	VCC	3#	VCC	3#
4#	VDD	Power	4#	DIO	4#	DIO	4#
5#	CLK	Clock	5#	REVERSE	5#	REVERSE	5#
6#	VSS2	Ground	6#	RS	6#	RS	6#
7#	DAT0	Data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

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#	I05
3#	/RE	13#	D3	3#	ALE	14#	I06
4#	/CE	14#	D4	4#	VE	15#	I07
5#	CLE	15#	D5	5#	VIP	16#	I08
6#	ALE	16#	D6	6#	I01	17#	-
7#	/WE	17#	D7	7#	I02	18#	GND
8#	/MP	18#	VCC	8#	I03	19#	R/B
9#	GND	19#	GND	9#	I04	20#	RE
10#	D0	20#	VCC	10#	VSS	21#	CE
				11#	VSS	22#	VCC

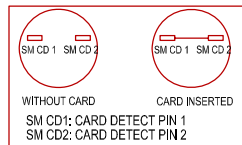
Part No. of CF Card	Dimensions
Pin Number 25,26	3.5mm
All Other Pins	4.25mm
1,13,38,50	5.00mm



SD CIRCUIT



SM CIRCUIT



Tolerance	
0.0	±0.38
0.00	±0.25
0.000	±0.10

Drawn By
Michael

Checked By
Gavin

Approved By
Stephen



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

AECONN Technology Corp.



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