

REV.	ECHLNO.	MODIFY CONTENT	DATE
B	ES.D0706.113	add date code	06/26/2007
C	ES.D0707.046	change material of shell	07/15/2007
D	ES.D0807.053	change specification	07/11/2008
E	ES.D0906.069	add halogen free spec	06/24/2009
F	ES.D0907.080	ADD TRACE KEEP OUT AREA	7/11/2009
G	ES.D0911.082	Cancel MFC PIN's definitions	11/2/2009

**SPECIFICATION**

**1. Material:**

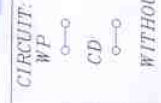
Insulator: LCP, rated UL94V-0, color: black,  
 Contacts: Phosphor Bronze,  
 Tin 160u" at Solder Tail,  
 Selected Gold on Contact Area Plating,  
 Ground: Brass, Tin 160u".

Shell: Phosphor Bronze.

**2. Electrical Characteristics:**

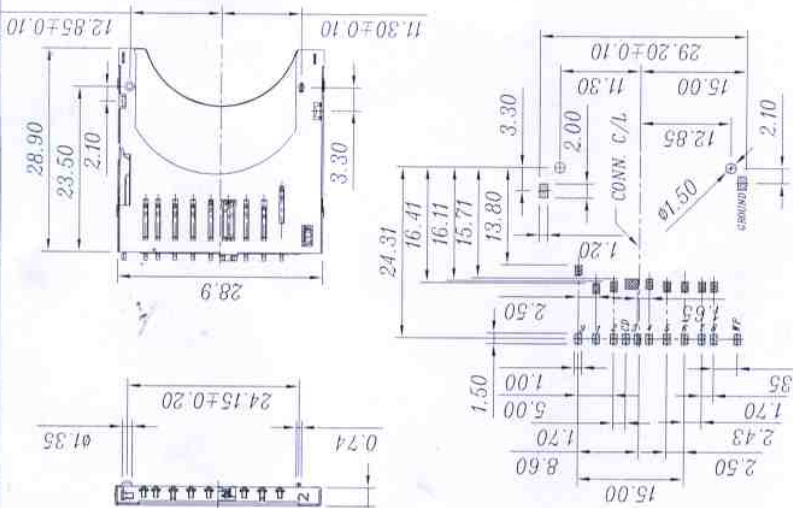
Operating voltage : 250V(AC/DC).  
 Current rating : 0.5 A.  
 Operating Temperature: -40°C~+85°C.  
 Insulation resistance: 1000M ohms min. at 250VDC.  
 Dielectric withstanding voltage: 500 VAC/minute.  
 Contact resistance: 100m ohms max.  
 Mating cycle: 10000 cycles, spring is not breaking

**THE PART NUMBER:**



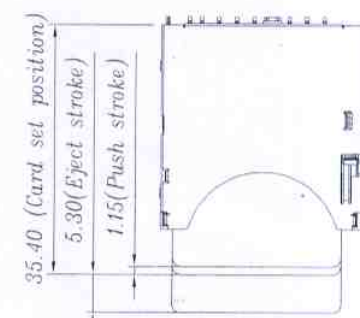
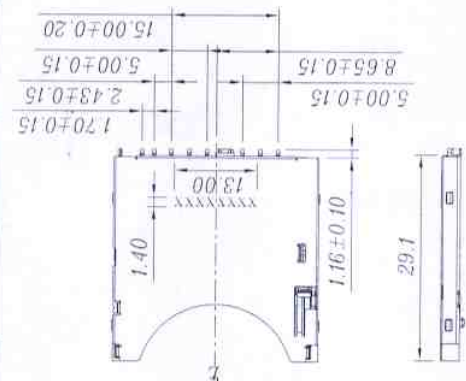
MATERIAL	DATE	SCALE
WITHOUT CARD	2009/11/2	1:1
WITH CARD		
CARD INSERTED WRITE PROTECT LOCK		UNIT
CARD INSERTED WRITE PROTECT UNLOCK		mm

Amphenol Shouhmin Industry



**RECOMMENDED PCB LAYOUT**  
 DEFAULT TOLERANCE: ±0.05  
 : RECOMMENDED SOLDER PAD AREA  
 : TRACE KEEP OUT AREA

Pin No.	SD
P1 SD-DAT3	1P
P2 SD-CMD	2P
P3 SD-VSS1	3P
P4 SD-VDD	4P
P5 SD-CLK	5P
P6 SD-VSS2	6P
P7 SD-DAT0	7P
P8 SD-DAT1	8P
P9 SD-DAT2	9P



Code Table:

Date	1	2	3	4	5	6	7	8	9	10	11	12	27	28	29	30	31
Code	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05
Month	1	2	3	4	5	6	7	8	9	10	11	12	01	02	03	04	05
Code	01	02	03	04	05	06	07	08	09	10	11	12					
Year	05	06	07	08	09	10	11	12	13	14	15						
Code	05	06	07	08	09	10	11	12	13	14	15						

GENERAL TOLERANCE	FILE NO.	10100313
X ± 0.50	REV.	G
.X ± 0.38	SIZE	A4
.XX ± 0.25		
PART NO.	SEE PART NUMBER	DRAWN
TITLE	SD PUSH PUSH CONNECTOR (H=2.7mm)-1	CHECKED
SHEET	1/1	APPROVED
		DATE
		UNIT
		SCALE

*Henry Wang*  
*Wang*