

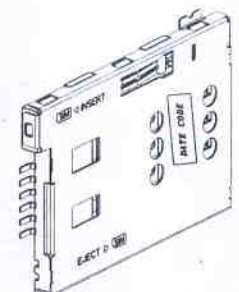


THE DATASHEET OF
101-00271-82



REV.	ETCH NO.	MULTI-COMMENT	DATE
C	E2-00104 094	Cancel LOGO	04/14/2003
D	E2-00104 093	Revise Dimensions	02/20/2004
E	E2-00104 092	add date code	06/02/2003

SIM pin assignment	
PIN#	Name
C1	VCC
C2	RST
C3	CLK
C4	Reserved
C5	GND
C6	VPP
C7	I/O
CB	Reserved

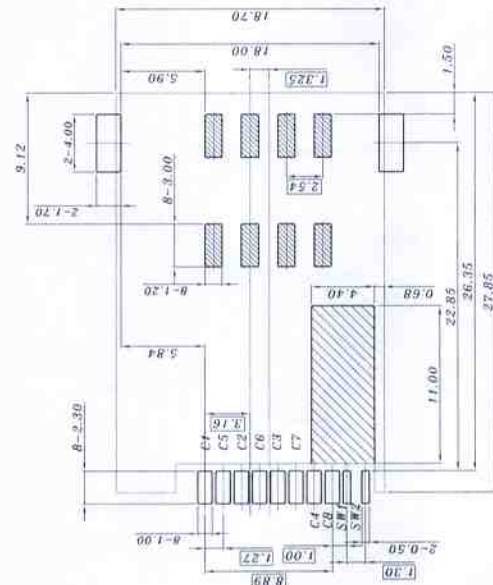
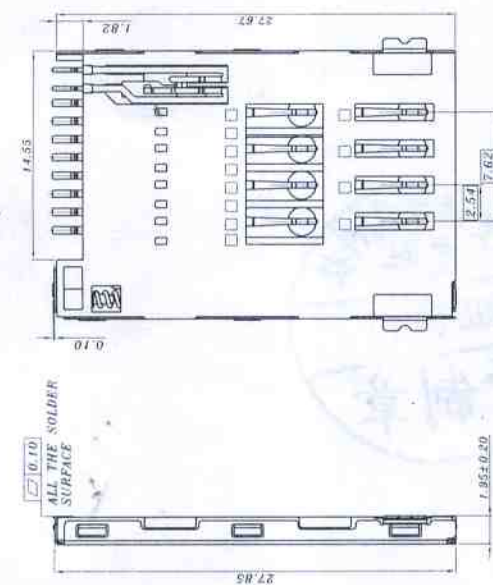


NOTES:

1. SPECIFICATIONS:
 INSULATION RESISTANCE: 500M min @ DC 500V DC
 WITHSTANDING VOLTAGE: 250V AC rms FOR 1 MINUTE
 CONTACT RESISTANCE: 100mΩ max. AT 10mA/20mV max.
 CURRENT RATING: 0.5A
 VOLTAGE RATING: 5.0 Vrms
 OPERATING TEMP. RANGE: -55°C+85°C
 DURABILITY: 5000 MATING CYCLES.

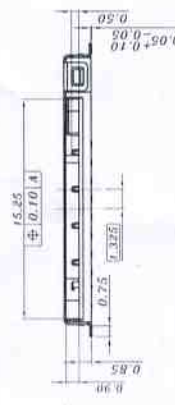
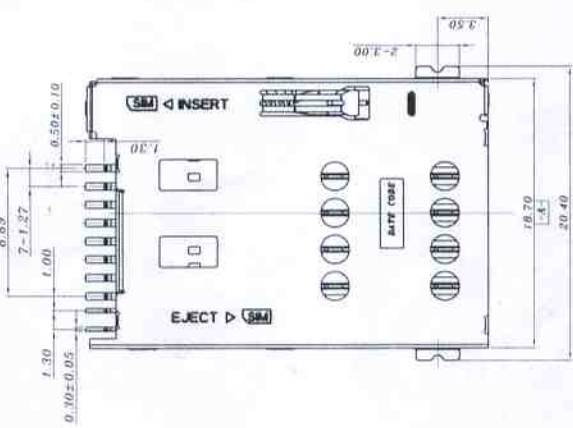
2. MATERIAL:
 INSULATOR: H-TEMPERATURE PLASTIC, UL 94V-0,
 COLOR BLACK
 TERMINAL COPPER ALLOY, T=0.15mm
 SOLDER COPPER ALLOY, T=0.15mm
 SHELL: STAINLESS STEEL, T=0.15mm

3. FINISH:
 TERMINAL: 50u" min NICKEL UNDERPLATED ON ALLOVER, GOLD PLATING
 ON CONTACT AREA, 120u" min TIN ON SOLDER TAIL.
 SHELL: 50u" NICKEL UNDERPLATED ON ALLOVER, COLD FLASH ON SOLDER
 LATCH



NOTE: WIRING PATTERN PROHIBITED AREA

RECOMMENDED PCB LAYOUT
 ALL TOLERANCE ARE ±0.05MM



Date code No.:

 date code: see code table
 month code: see code table
 year code: see code table

Date code table:

date code	1	2	3	4	5	6	7	8	9	10	11	12
month	01	02	03	04	05	06	07	08	09	10	11	12
year	05	06	07	08	09	10	11	12	13	14	15	


- 10100271****
- 2. Tape & reel
 - 78 Plating Au 1u" on contact area, Tin 120u". Min on solder tail.
 - 79 Plating Au 3u" on contact area, Tin 120u". Min on solder tail.
 - 80 Plating Au 5u" on contact area, Tin 120u". Min on solder tail.
 - 81 Plating Au 10u" on contact area, Tin 120u". Min on solder tail.
 - 82 Plating Au 15u" on contact area, Tin 120u". Min on solder tail.
 - 83 Plating Au 30u" on contact area, Tin 120u". Min on solder tail.

GENERAL TOLERANCE	FILE NO.	PART NO.	DRAWN	APPROVED	MATERIAL	SCALE
X±0.50	10100271	10100271***	Army	Jane	N/A	N/A
X±0.38	REV. E	TITLE	CHECKED	Henry W	DATE	UNIT
.XX±0.25	SIZE A4	SHEET 1/1	APPROVED		06.04/2009	mm

Amphenol Shouhmin Industry

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