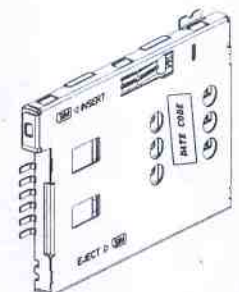


REV.	ETCH NO.	MULTI-COMMENT	DATE
C	E2-00104 094	Cancel LOGO	04/14/2003
D	E2-00104 093	Revise Dimensions	02/20/2004
E	E2-00104 092	add date code	06/02/2003

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

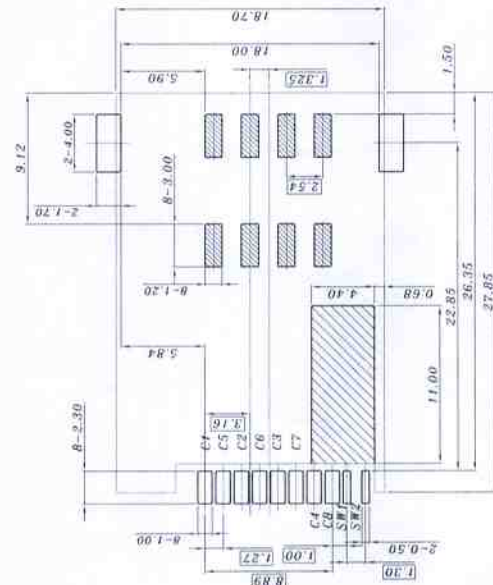
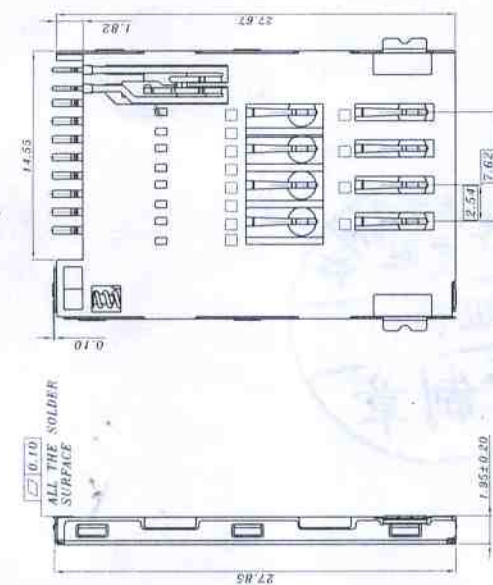


**NOTES:**

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.

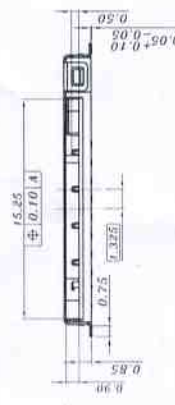
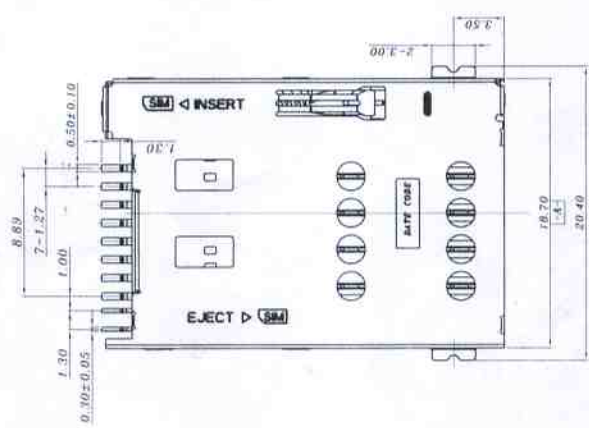
2. MATERIAL:  
 INSULATOR: H-TEMPERATURE PLASTIC, UL 94V-0,  
 COLOR BLACK  
 TERMINAL COPPER ALLOY, T=0.15mm  
 SHELL COPPER ALLOY, T=0.15mm  
 SHELL: STAINLESS STEEL, T=0.15mm

3. FINISH:  
 TERMINAL: 50u" min NICKEL UNDERPLATED ON ALLOYER, GOLD PLATING  
 ON CONTACT AREA, 120u" min TIN ON SOLDER TAIL.  
 SHELL: 50u" NICKEL UNDERPLATED ON ALLOYER, 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	1	2	3	4	5	6	7	8	9	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12
code	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12
month	1	2	3	4	5	6	7	8	9	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12
code	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12
year	05	06	07	08	09	10	11	12	13	14	15	05	06	07	08	09	10	11	12	13	14	15		
code	05	06	07	08	09	10	11	12	13	14	15	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.	10100271	PART NO.	10100271***	DRAWN	Army	MATERIAL	N/A
X ± 0.50	x ± 5°	REV.	E	TITLE	CHECKED	Jane	DATE	06.04/2009
.X ± 0.38	x ± 2°	SIZE	A4	SHEET	APPROVED	Hem.w	UNIT	mm
.XX ± 0.25	xx ± 1°					Amphenol Shouhmin Industry		
						SCALE		