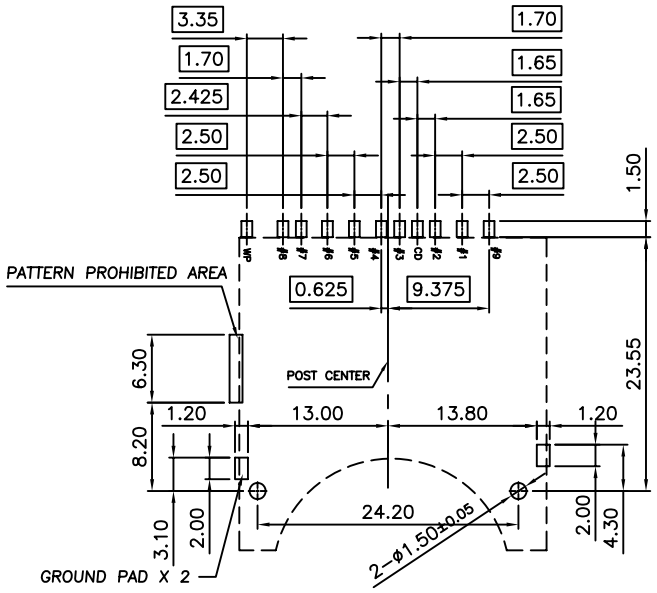
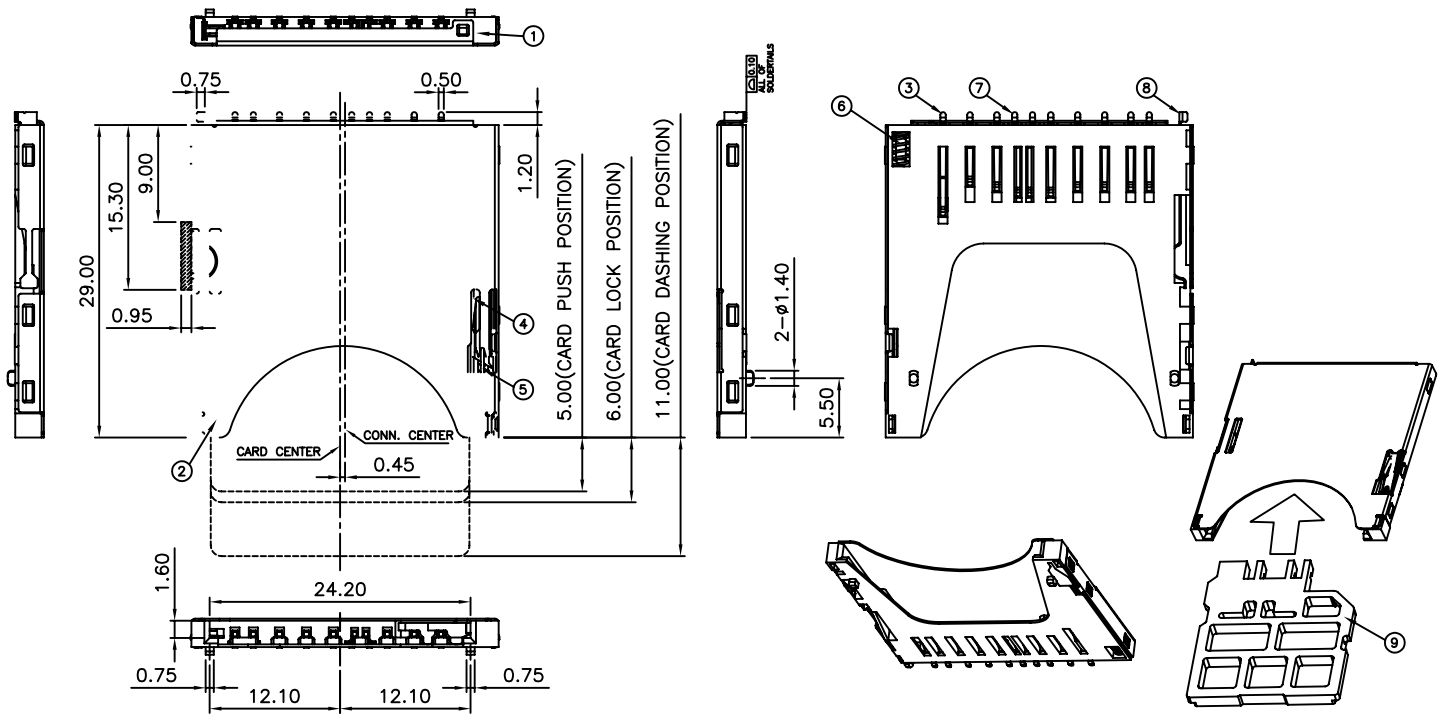


PIN DEFINE

PAD NO.	MEMORY CARD
SD-01	SD-CD/DAT3
SD-02	SD-CMD
SD-03	SD-VSS
SD-04	SD-VDD
SD-05	SD-CLK
SD-06	SD-VSS
SD-07	SD-DAT0
SD-08	SD-DAT1
SD-09	SD-DAT2

ITEM 項目	PARTS NAME 零件名稱	Q'TY 數量	MATERIAL 材質	FINISH/REMARK 處理/備註
1	HOUSING	1	TERMOPLASTIC HIGH TEMP	BLACK
2	SHELL	1	STAINLESS	1u"MIN. GOLD PLATING ON CONTACT TAIL
3	CONTACT-SD	1	PHOSHPOR BRONZE	5u"MIN. GOLD PLATING ON CONTACT AREA 100u"MIN. TIN PLATING 50u"MIN. NICKEL UPDERPLATING OVERALL
4	SLIDER CAM	1	TERMOPLASTIC HIGH TEMP	BLACK
5	CAM PIN	1	STAINLESS	-
6	SPRING	1	STAINLESS	-
7	DETECT CONTACT	1	PHOSHPOR BRONZE	5u"MIN. GOLD PLATING ON CONTACT AREA 100u"MIN. TIN PLATING 50u"MIN. NICKEL UPDERPLATING OVERALL
8	PROTECT CONTACT	1	PHOSHPOR BRONZE	
9	假卡	1	TERMOPLASTIC HIGH TEMP	BLACK

POSITION OF CARD	WITHOUT CARD	CARD INSERTED WRITE PROTECT : LOCK	CARD INSERTED WRITE PROTECT : UNLOCK
CIRCUIT	WP - GROUND CD - #3	WP - GROUND CD - #3	WP - GROUND CD - #3



SPECIFICATION
MATERIAL
See drawing
STANDARD DATA
Rating current:0.5A
Applicable wire: AWG#26 Max.
Operating temperature: -25°C ~ +90°C
Storage temperature: +5°C ~ +35°C
ELECTRICAL
Insulator resistance: 1000M ohms Min. @ 500V DC
Withstanding voltage: 500V AC/minute
Contact resistance: 100 m ohms Max.
MECHANICAL
Mating force: 13.8N(1.4kgf) Max.
Unmating force: 13.8N(1.4kgf) Max.
Durability: 10000 cycles Min.
Contact retention force: 0.98N(0.1kgf) Min
PART NO.

F 0 3 - 647 - 00 01

- F=CARD CONN. — SERIES
- 0=OTHER pitch — TYPE
- 3=SMT type — CONTACT TYPE
- 647 — MODEL NO.
- 01=Type 1 — TYPE NO.
- 00=REF. NO. — CONTACT NUMBER

TC-TEK — Connection Solutions —
台灣訊科實業有限公司
TC-TEK Industries Limited
TEL:886-2-89914199 FAX:886-2-29929564

REV. 版本	ECN NO. 設變號碼	MARK 記號	REVISIONS 設變內容	SIGN 修改	DATE 日期
A	EXXXX-XXX	⚠ X 0	-	-	-

UNLESS OTHERWISE SPECIFIED TOLERANCE 尺寸公差
X. ±0.50
.X ±0.30
.XX ±0.20
ANG. ±5°00'

CHECKED 審核 ALVIN 10/21/05"
DESIGNED 設計 JIMMY KE 10/21/05"
APPROVED 承認 SAM 10/21/05'
DRAWN 製圖 JIMMY KE 10/21/05"
UNIT 單位 MM
SCALE 比例 2/1
SIZE 尺寸 A3

TITLE 產品名稱: SD CONNECTOR
PART NO. 產品料號: F03-647-0001
DOC. NO. 文件編號: CUT-647-001
REV. 版本: A