

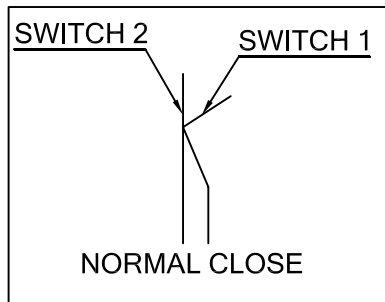
PCB Layout
Tol.: ±0.05mm

TOLERANCE	
LINEAR	ANGLES
X. ± 0.50	X° ± 2.00°
.X ± 0.30	.X° ± 1.00°
.XX ± 0.20	.XX° ± 0.50°
.XXX ± 0.10	.XXX° ± 0.10°

GENESIS TECHNOLOGY, INC.
1015 GRANT STREET S.E.
ATLANTA, GA 30315
a Genesis Electro-Mechanical Company

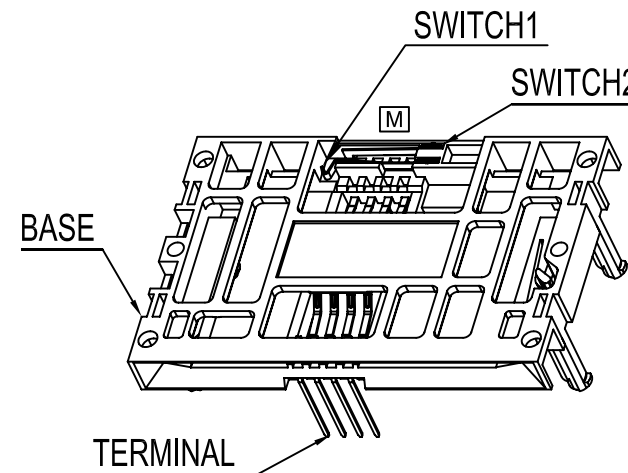
TITLE:		SMART CARD CONNECTOR			
PART NO.		SMCR-2308-AKX0T1			
DWG NO.		SC-10421			
UNITS	SCALE	SHEET	REV		
MM	NONE	1 OF 2	N1		

□	SEE SHEET 2		
REV	ECN NO.	NAME	DATE



NOTE:

- 1. BASE MATERIAL: PBT+30%G.F UL94V-0 COLOR: BLACK.
- [F] 2. TERMINAL MATERIAL: COPPER ALLOY, THICKNESS = 0.30 ±0.02.
FINISH: GOLD PLATE ON CONTACT AREA, TIN PLATE ON SOLDER TAIL,
NICKEL ON ALL SURFACE (SEE ORDER INFORMATION FOR DETAIL)
- 3. GROUND SPRING PIN: COPPER ALLOY, THICKNESS = 0.25 ±0.02.
FINISH: TIN OR GOLD PLATE ON ALL SURFACE, NICKEL ON ALL SURFACE.
- 4. GROUND PIN: COPPER ALLOY, THICKNESS = 0.25 ±0.02mm.
FINISH: TIN OR GOLD PLATE ON ALL SURFACE, NICKEL ON ALL SURFACE
- 5. OPERATING TEMPERATURE: - 40°C ~ +80°C .
- 6. CURRENT RATING: 1 Amp MAX.
- 7. ● : MANUFACTURER INSPECTION.
- 8. ◆ : Q.C INSPECTION.
- [L] 9. RoHS 6/6 COMPLIANT.



[K] SMCR- 23 08 - A K X 0 T 1

- ① ② ③ ④ ⑤ ⑥ ⑦

- 1. CONNECTOR:
SMCR: SMART CARD R/A CONNECTOR
- 2. TYPE:
23: FEMALE, DIP, WITH CLOSE TYPE SWITCH, HEIGHT 3.3mm
- 3. POSITIONS
08: 8 POSITIONS
- 4. INSULATOR MATERIAL
A: PBT
- 5. INSULATOR COLOR
K: BLACK
- 6. CONTACT PLATING
[N][M] 5: GOLD 15 μ"; SWITCH GOLD FLASH PLATE
9: GOLD FLASH, SWITCH GOLD FLASH
- 7. SHIELD PLATING
0: NONE SHIELD

[N1]	ADD DETAIL AFTER SMART CARD INSTALLED	AXL	8/19/10'
[N]	ADDED TOL. TO C2 DIM. 2.65 CHANGED DIM. MEASURED POINT ON ZONE C2 WAS: 3.10 IS: 3.40±0.20 CORRECTED DIM 61.90 TOL. C2 WAS: 0.15 IS: 0.30 CORRECTED CONTACT PLATING INFORMATION	AXL	7/13/10'
[M]	CHANGED CONTACT PLATING OPTION 5 TO SWITCH PLATED GOLD FLASH	AXL	6/1/10'
[L]	REVISE ZONE B3 DIM. WAS 1.0, IS 1.20, ZONE C3 DIM. AND LOCATION WAS 11.7, IS 8.40 ZONE B1 DIA. TO 2.80 4PLC AND 2.40 2PLC CHANGE NOTES 9 TO RoHS 6/6 COMPLIANT.	AXL	3/2/10'
[K]	REVISE DRAWING AND PN	Vegas	05/14/09'
[J]	ADD TOLERANCE ON PIN LENGTH	AXL	11/10/08'
[I]	CHANGE THE MEASURED POINT OF 11.7	Kevin	10/29/08'
[H]	REVISE DIM. WAS 12.21 REVISE DIM. WAS 2.7	Kevin	10/28/08'
[G]	Part Number Change	AXL	8/26/08'
[F]	Change term. thickness was 0.25	AXL	7/10/08'
[E]	CORRECT TERMINAL LENGTH WAS 3.20 mm	AXL	6/27/08'
[D]	UPDATED DRAWING	AXL	11/3/06'
[C]	REVISE DIM. WAS 12.19	AXL	8/9/06'
[B]	REVISE DIM. WAS 11.65	AXL	7/31/06'
[A]	ISSUED	AXL	7/28/06'
REV	ECN NO.	NAME	DATE

PART NO.	SMCR-2308-AKX0T1	SHEET
DWG NO.	SC-10421	2 OF 2