



REV	MODIFICATION	DATE	DRAW

NOTES:

- GENERAL CHARACTERISTICS.
 DIMENSIONS: 58.00L * 39.00W * 6.80H mm.
 WEIGHT: APPROX. 11g±0.5g
 CONTACT PRINCIPLE: LANDING TECHNOLOGY.
 OPERATING POSITION: SHAFT UP / DOWN / HORIZONTAL.
 MOUNTING SYSTEM: SMT TYPE.
 DURABILITY: 300,000 CYCLES MIN.
- MATERIAL.
 INSULATION: THERMOPLASTIC UL94V-0
- ELECTRICAL CHARACTERISTICS.
 NUMBER OF CONTACT (OPTIONAL): 8 PINS.
 CONTACT RESISTANCE: 50mΩ TYPICAL, 100mΩ MAX.
 INSULATION RESISTANCE: > 1000MΩ / 500 VDC.
 SWITCH TYPE: SEALED.
 OPERATION: NORMALLY OPEN.
- SOLDERABILITY.
 WAVE: NOT APPLICABLE
 VAPORPHASE: 215°C, 30sec. MAX.
 IR REFLOW: 230°C 10sec. MAX.
 MANUAL SOLDERING: 360°C 3sec. MAX.
- ENVIRONMENTAL CHARACTERISTICS.
 OPERATING TEMPERATURE: -40°C, ~ +85°C.
 OPERATING HUMIDITY: 10% -95% RH
 STORAGE TEMPERATURE: -40°C ~ +85°C.
 STORAGE HUMIDITY: 10% ~ 95% RH
 THERMAL SHOCK: -40°C ~ +85°C 5CYCLES.
 DAMP HEAT: 40°C 90% RH 10DAYS.
 SALT MIST: 35°C 5% NaCl 24HR.

ORDER INFORMATION:
 SMCMB-208 XX B903-G
 CONTACT PLATING GOLD PLATED
 01: FLASH 10:10u"
 15:15u"
 30:30u"
 COMPLY TO RoHS

DIMENSION IN mm [Inch]		PROD. SPEC.	All connectors	
TOLERANCE UNLESS OTHERWISE SPECIFIED		PKG. SPEC.	TITLE SMART CARD ACCEPTOR CUSTOMER DRAWING	
.X±	.X'±	APPROVE	FILE NO.	DWG NO. SMCMB-208XXB903-G
.XX±	.X'±	CHECK	SIZE A4	PROJ. SHEET 1 / 1
.XXX±	.XX'±	DRAW	SCALE 1:1	REV A