



REV	MODIFICATION	DATE	DRAW

NOTES:

- GENERAL CHARACTERISTICS.
 DIMENSIONS: 62.00L * 40.00W * 6.25H mm.
 WEIGHT: APPROX. 7.0g
 CONTACT PRINCIPLE: FRICTION TECHNOLOGY
 OPERATING POSITION: SHAFT UP
 MOUNTING SYSTEM: THRU-HOLE WITH SNAP-IN LOCK.
 DURABILITY: 100,000 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: BLADE.
 OPERATION: NORMALLY OPEN
- SOLDERABILITY.
 WAVE: 260°C, 5SEC.
 VAPORPHASE:
 IR REFLOW:
 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 500HR.
 SALT MIST: 35°C 5% NaCl 48HR.
 ORDER INFORMATION:
 SMCRB-2 08 30 B 619 X

PART NO.	A	B	C	D
SMCRB-20830B6190	12.20	6.45	3.15	6.35
SMCRB-20830B6191	12.55	6.80	3.50	6.70
SMCRB-20830B6192	14.60	8.85	5.55	8.75

Stand off
 0: 3.15mm
 1: 3.50mm
 2: 8.85mm

DIMENSION IN mm [Inch]	PROD. SPEC.	TITLE SMART CARD ASSEPTOR		CUSTOMER DRAWING
TOLERANCE UNLESS OTHERWISE SPECIFIED	PKG. SPEC.	FILE NO.	DWG NO. SMCRB-20830B619X	
.X±0.3	X.*± 1'	APPROVE <i>[Signature]</i>	PROJ.	SHEET 1 / 1
.XX±0.20	.X.*± 0.5'	CHECK <i>[Signature]</i>	SCALE 1:1	REV A
.XXX±0.100	.XX.*± 0.25'	DRAW <i>[Signature]</i>	SIZE A4	8F-01-R10