



UNIT:mm;TOLERANCES:±0.15mm  
REFERENCE DIMENSION FOR PCB LAYOUT

UNIT:mm;TOLERANCES:±0.15mm  
MECHANICAL OUTLINE DIMENSION

REV	MODIFICATION	DATE	DRAW
B	EN-06-1011	95/10/16	TERENCE

- 1.GENERAL CHARACTERISTICS.  
DIMENSIONS: 55.50L \* 40.00W \* 5.80H mm.  
WEIGHT: APPROX. 12.5g  
CONTACT PRINCIPLE: LANDING TECHNOLOGY.  
OPERATING POSITION: SHAFT UP / DOWN / HORIZONTAL.  
MOUNTING SYSTEM: THRU-HOLE WITH SNAP-IN-LOCK  
DURABILITY:300,000 CYCLES MIN.
  - 2.MECHANICAL CHARACTERISTICS  
INSULATION MATERIAL:THERMOPLASTIC,UJ94V-0
  - 3.ELECTRICAL CHARACTERISTICS.  
NUMBER OF CONTACT : 8 PINS  
CONTACT RESISTANCE: 50mΩ TYPICAL, 100mΩ MAX.  
INSULATION RESISTANCE PIN TO PIN: > 1000MΩ / 500 VDC.  
SWITCH TYPE:BLADE  
OPERATION: NORMALLY OPEN.
  - 4.SOLDERABILITY.  
WAVE:260°C,5SEC.MAX  
IR REFLOW:NOT APPLICABLE  
MANUAL : 360°C 3sec. MAX.
  - 5.ENVIRONMENTAL CHARACTERISTICS.  
OPERATING TEMPERATURE: -40°C. ~ +85°C.  
OPERATING HUMIDITY: 10% -95% RH  
STORAGE TEMPERATURE: -40°C ~ +85°C.  
STORAGE HUMIDITY: 10% ~ 95% RH
- ORDER INFORMATION:  
SMCRB-20830B900-G

DIMENSION IN mm [Inch]	TOLERANCE UNLESS OTHERWISE SPECIFIED	PROJ. SPEC.	PKG. SPEC.	FILE NO.	TITLE	SIZE	PROJ. SCALE	SHEET	REV
.XX±0.20	X.±	APPROVE	CHECK	DWG NO. SMCRB-20830B900-G	Smart card connector	A4	1:1	1	B
.XXX±0.100	.XX±	DRAW							

**KINGONT PRECISION INDUSTRIAL CO., LTD.**

**CUSTOMER DRAWING**

