



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

- 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.
 - MECHANICAL CHARACTERISTICS
INSULATION MATERIAL:THERMOPLASTIC,UL94V-0
 - ELECTRICAL CHARACTERISTICS.
NUMBER OF CONTACT : 8 PINS
CONTACT RESISTANCE: 50mΩ TYPICAL, 100mΩ MAX.
INSULTION RESISTANCE PIN TO PIN: > 1000MΩ / 500 VDC.
SWITCH TYPE:BLADE
OPERATION: NORMALLY OPEN.
 - SOLDERABILITY.
WAVE:260°C,5SEC.MAX
IR REFLOW:NOT APPLICABLE
MANUAL : 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
- ORDER INFORMATION:
SMCRB-20830B900-G

DIMENSION IN mm [Inch]		PROD. SPEC.	All Connectors	
TOLERANCE UNLESS OTHERWISE SPECIFIED		PKG. SPEC.	www.allconnectors.de info@allconnectors.de 70734 Filzschbach Germany	
.X±0.3	X'±	APPROVE	TITLE Smart card connector	CUSTOMER DRAWING
.XX±0.20	.X'±	CHECK	FILE NO.	DWG NO. SMCRB-20830B900-G
.XXX±0.100	.XX'±	DRAW	SIZE A4	PROJ. SHEET 1 / 1 SCALE 1:1 REV B