



REV	MODIFICATION	DATE	DRAW

NOTES:

- General Characteristics**
 Dimensions: 15.70x16.40x2.60H mm
 Weight: Approx. 0.9g
 Contact principle: Friction technology
 Operating position: Shaft up/Down/Horizontal
 Mounting System: SMT
 Durability: 100,000 cycles min.
- Material**
 Data contacts material: Phosphor Bronze.
 Data contacts pating: Gold or PD over nickel.
 Insulation Material: Thermoplastic UL94V-0
- Electrical Characteristics**
 Number of contacts: 8 pins
 Card ending switch: NO, NC (optional)
 Contact resistance: 50 megohms typical, 100 megohms max.
 Insulation resistance: >1000 megohms / 500 VDC
- Solderability**
 Wave: N of applicable
 Vaporphase: 215°C, 30 sec. MAX.
 IR reflow: 230°C, 10~15 sec. MAX.
 Manual soldering: 360°, 3 sec. 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, 5 cycles
 Damp Heat: 40°C, 90% RH, 500HR
 Salt-mist: 35°C, 5%, NaCl, 48H

ORDER INFORMATION
SIMMP-00830B000

DIMENSION IN mm [Inch]		PROD. SPEC.		ALMITA CO., LTD.	
TOLERANCE UNLESS OTHERWISE SPECIFIED		PKG. SPEC.		TITLE SIM CRAD CONNECTOR	
.X±		X.'±		CUSTOMER DRAWING	
.XX±		.X'±		FILE NO.	
.XXX±		.XX'±		DWG NO. SIMMP-00830B000	
APPROVE <i>[Signature]</i>		DRAW <i>[Signature]</i>		PROJ. SHEET 1 / 1	
CHECK <i>[Signature]</i>		SCALE 2.5:1		REV A	
SIZE A4		RQR-51			