



REV	MODIFICATION	DATE	DRAW

- NOTES:
- General Characteristics
 Dimensions: 15.70Lx16.40Wx2.60H 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 plating: 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.
TOLERANCE UNLESS OTHERWISE SPECIFIED		PKG. SPEC.
.X±	X.±	APPROVE <i>JL/6/01</i>
.XX±	.X±	CHECK <i>JL/6/01</i>
.XXX±	.XX±	DRAW <i>Joan</i>

ALMITA CO., LTD.	
TITLE SIM CRAD CONNECTOR	CUSTOMER DRAWING
FILE NO.	DWG NO. SIMMP-00830B000
SIZE A4	PROJ. SHEET 1 / 1
SCALE 2.5:1	REV A