



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 6/24/01</i>
.XX±	.X±	CHECK <i>JL 6/24/01</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