



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 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 ot applicable
 Vapor phase: 215°C, 30 sec. MAX.
 IR reflow: 230°C, 10~15 sec. MAX.
 Manual soldering: 360°C, 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.	TITLE SIM CRAD CONNECTOR		CUSTOMER DRAWING	
TOLERANCE UNLESS OTHERWISE SPECIFIED		PKG. SPEC.	FILE NO.		DWG NO. SIMMP-00830B000	
.X±	.X'±	APPROVE <i>[Signature]</i>	SIZE A4		PROJ.	SHEET 1 / 1
.XX±	.X'±	CHECK <i>[Signature]</i>	SCALE 2.5:1		REV A	
.XXX±	.XX'±	DRAW <i>[Signature]</i>				