



REV	MODIFICATION	DATE	DRAW

- NOTES:
- General Characteristics**
 Dimensions: 28.77x18.97x1.30H mm
 Weight: Approx. 0.7g
 Contact principle: Friction technology
 Operating position: Shaft up/Down/Horizontal
 Mounting System: SMT without post
 Durability: 100,000 cycles min.
 - Material:**
 Data contacts material: Phosphor Bronze
 Data contacts plating: Gold or PD over nickel.
 Insulation material: LCP.
 - Electrical Characteristics**
 Number of contacts: 8 pins
 Contact resistance: 50 megohms typical, 100 megohms max.
 Insulation resistance: >1000 megohms /500 VDC
 - Solderability**
 Wave: Not applicable
 Vapor phase: 215°C, 30 sec. MAX.
 IR reflow: 230°C, 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, 48HR

UNIT:mm; TOLERANCES: ±0.10mm
 REFERENCE DIMENSION FOR PCB LAYOUT

STOPPER HEIGHT: 2.20
 UNIT:mm; TOLERANCES: ±0.10mm
 MECHANICAL OUTLINE DIMENSION

ORDER INFORMATION
 SIMMP-00830B401

DIMENSION IN mm [Inch]		PROD. SPEC.	ALMITA CO., LTD.	
TOLERANCE UNLESS OTHERWISE SPECIFIED		PKG. SPEC.	CUSTOMER DRAWING	
.X±	.X"±	APPROVE	TITLE SIM CARD CONN.	
.XX±	.X"±	CHECK	FILE NO.	DWG NO. SIMMP-00830B401
.XXX±	.XX"±	DRAW	SIZE A4	PROJ. SHEET 1 / 1
			SCALE 2:1	REV A