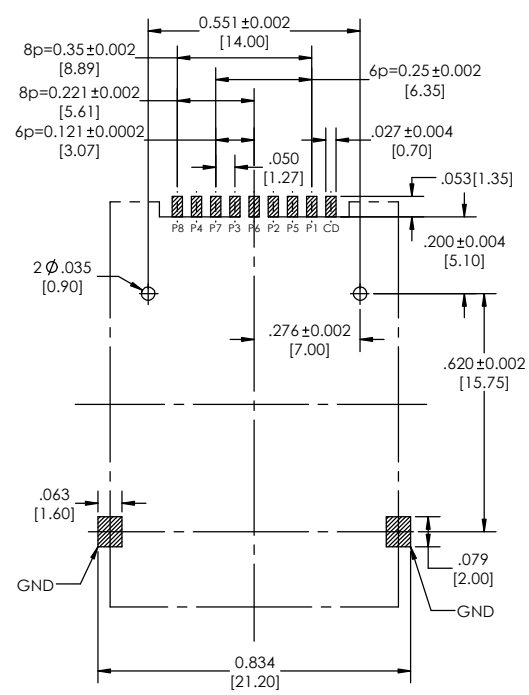


Recommended P.C. Board Layout
General Tolerance +/- 0.002
SCALE 4:1



SIMS60 **X** - **20** - **F** - **LF**
(A) **(B)** **(C)**

- A. Number of Contacts**
- 6 or 8
- B. Packing Information**
- C= Tube and Tray
- F= Reel
- C. Lead Free Specifications:**
Weight: Approx. 2.50g
Contact Principle: Friction Technology
Operating Position: Shaft up/ Down/ Horizontal
Durability: 5,000 Cycles Min.
Insulation Material: Thermoplastic, UI94V-0
Contact Material: Gold Plating with 3µ Min.
Contact Resistance: 100mΩ Max.
Insulation Resistance: >1000 MΩ/ 500 VDC
Wave: N/A
VaporPhase: 215°C, 30 sec. Max.
IR Reflow: 260°C, 15 sec. Max.
Manual Soldering: 360°C, 3 sec. Max.
Operating Temperature: -25°C, -+85°C
Operating Humidity: 10% -95% RH

Connector Terminal No.	Pin No.
Pin 1	VCC: PWR signed and GND
Pin 2	RST: Reset Signal
Pin 3	CLK: Clocking signal
Pin 4	Reserved
Pin 5	GND: PWR signal and GND
Pin 6	VPP: programming Voltage
Pin 7	I/O: serial date input/ output
Pin 8	Reserved

Storage Temperature: -40°C, -+85°C
Storage Humidity: 10% -95% RH
Thermal Shock: -40°C, -+60°C, 5 cycles
Damp Heat: 40°C, 90% RH, 500HR
Salt-Mist: 35°C, 5% NaCl, 48HR

Tails may be clipped to achieve specific dimensions.
Products cut to specific sizes are uncancellable/ nonreturnable.
Parts are subject to change without notice.

ROHS COMPLIANT

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UNLESS OTHERWISE SPECIFIED:		NAME		DATE	
DIMENSIONS ARE IN INCHES		DRAWN	EOW	04/08/14	
TOLERANCES:		CHECKED	GWE	04/08/14	
ONE DECIMALS ±.100		ENG APPR.			
TWO DECIMALS ±.010		MFG APPR.			
THREE DECIMALS ±.005		ADDRESS:			
FOUR DECIMALS ±.002		2533 Centennial Blvd. Jeffersonville, IN 47130 Phone: 812-670-4174 Fax: 812-670-4175 E-Mail: mle@mlelectronics.com			
NEXT ASSY	USED ON	FINISH	TITLE: SIMS60 Series		
APPLICATION	DO NOT SCALE DRAWING		SIZE	DWG. NO.	REV
			C		A
			SCALE 6:1		SHEET 1 OF 1

