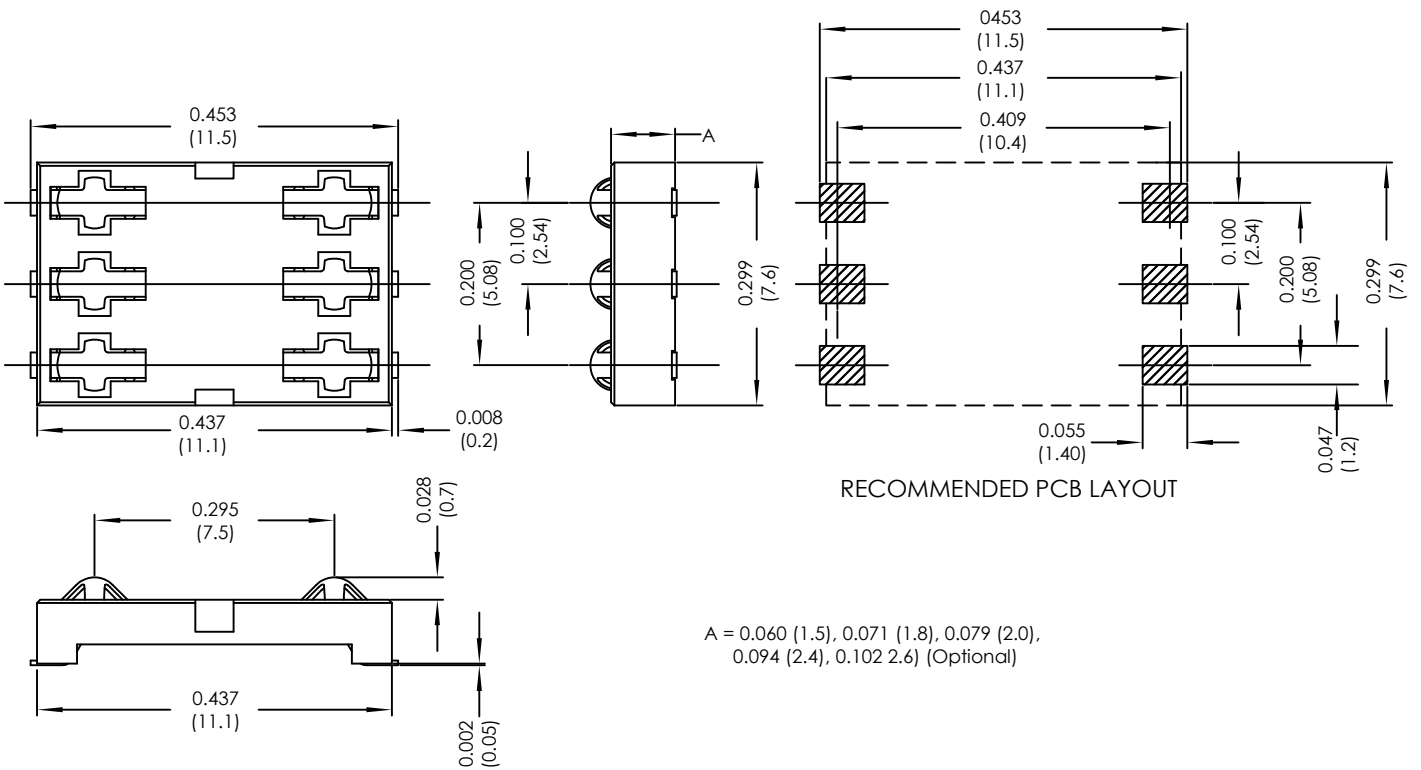


# Major League Electronics 8 Pin Surface Mount SIM Connector



## Ordering Information

SIMS25 **6** - **XX** - **1** - **2** - **X** - **LF**

Number of Contacts  
6

	Height	
1.5mm	(0.437L x 0.299W x 0.059H inches) (11.10L x 7.60W x 1.50H mm)	15
1.8mm	(0.437L x 0.299W x 0.071H inches) (11.10L x 7.60W x 1.80H mm)	18
2.0mm	(0.437L x 0.299W x 0.079H inches) (11.10L x 7.60W x 2.00H mm)	20
2.4mm	(0.437L x 0.299W x 0.094H inches) (11.10L x 7.60W x 2.40H mm)	24
2.6mm	(0.437L x 0.299W x 0.102H inches) (11.10L x 7.60W x 2.60H mm)	26

Lead Free

Packing Information

C = Tube

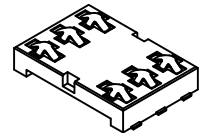
F = Reel

Locating Peg

2 = Without Locating Peg

Switch

1 = Without Switch



Weight:	Approx. 0.20g	Insulation Resistance:	> 1000 MΩ / 500 VDC	Storage Temperature:	-40°C, ~ +85°C
Contact Principle:	Friction Technology	Wave:	Not applicable	Storage Humidity:	10% ~ 95% RH
Operating Position:	Shaft Up/Down/Horizontal	VaporPhase:	215°C, 30 sec. Max.	Thermal Shock:	-40°C, ~ +85°C, 5 cycles
Durability:	10,000 Cycles Min.	IR Reflow:	230°C, 15 sec. Max.	Damp Heat:	40°C, 90% RH, 500HR
Insulation Material:	Thermoplastic, UL94V-0	Manual Soldering:	360°C, 3 sec. Max.	Salt-Mist:	35°C, 5% NaCl, 48HR
Contact Material:	Gold plating with 3u" Min.	Operating Temperature:	-40°C, ~ +85°C		
Contact Resistance:	50 mΩ typical / 100 mΩ Max.	Operating Humidity:	10% ~ 95% RH		

## SIMS25 SERIES

6 Pin Surface Mount SIM Connector

19 APR 07

Scale  
NTS

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS IN INCHES (MM)

TOLERANCES ARE:

NO DECIMALS ±0.1  
ONE PLACE DECIMALS ±0.07  
TWO PLACE DECIMALS ±0.05

ANGLES  
±0.5°

*Major League*  
**ELECTRONICS**

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Revision  
C

Sheet  
1/2


## Revisions

Revision C - (17th Jun 2010)

Plating Information added to specification  
Packing Information option added; Reel

Revision B - (14th Apr 2010)

Corrected product to show 'Without card detection switch'  
and amended ordering grid accordingly

UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES (MM)		SIMS25 SERIES		6 Pin Surface Mount SIM Connector		19 APR 07		Scale NTS	
TOLERANCES ARE: NO DECIMALS ±0.1 ONE PLACE DECIMALS ±0.07 TWO PLACE DECIMALS ±0.05				4235 Earnings Way, New Albany, Indiana, 47150, USA 1-800-782-3486 (USA/Canada/Mexico) Tel: 812-944-7244 Fax: 812-944-7268 E-mail: mle@mlelectronics.com Web: www.mlelectronics.com		Revision C		Sheet 2/2	
ANGLES ±0.5°									