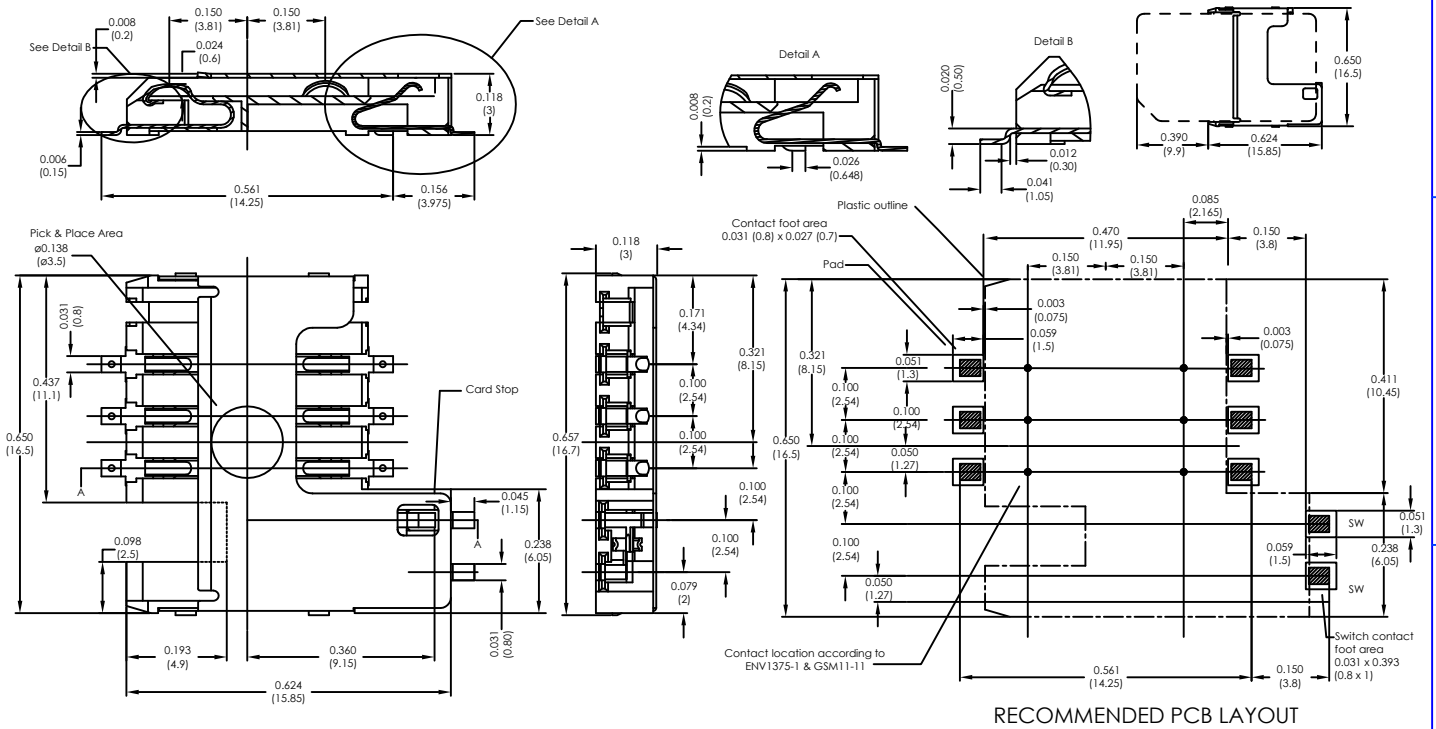


# Major League Electronics 6 Pin Surface Mount SIM Connector With Switch



## Ordering Information

SIMS16 **6** - **30** - **2** - **2** - **X** - **LF**

Number of Contacts  
6

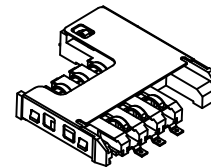
Height		
3.0mm	(0.624L x 0.650W x 0.118H inches) (15.85L x 16.50W x 3.00H mm)	30

Switch  
2 = With Switch (normally open)

Lead Free

Packing Information  
C = Tube  
F = Reel

Locating Peg  
2 = Without Locating Peg



<b>Weight:</b>	Approx. 0.70g	<b>Contact Resistance:</b>	50 mΩ typical / 100 mΩ Max.	<b>Operating Temperature:</b>	-40°C, ~ +85°C
<b>Contact Principle:</b>	Friction Technology	<b>Insulation Resistance:</b>	> 1000 MΩ/ 500 VDC	<b>Operating Humidity:</b>	10% ~ 95% RH
<b>Operating Position:</b>	Shaft Up/Down/Horizontal	<b>Switch Type:</b>	Blade	<b>Storage Temperature:</b>	-40°C, ~ +85°C
<b>Durability:</b>	100,000 Cycles Min.	<b>Wave:</b>	Not applicable	<b>Storage Humidity:</b>	10% ~ 95% RH
<b>Insulation Material:</b>	Thermoplastic, UL94V-0	<b>VaporPhase:</b>	215°C, 30 sec. Max.	<b>Thermal Shock:</b>	-40°C, ~ +85°C, 5 cycles
<b>Contact Material:</b>	Gold plating with 3u" Min.	<b>IR Reflow:</b>	230°C, 15 sec. Max.	<b>Damp Heat:</b>	40°C, 90% RH, 500HR
<b>Cover Material:</b>	Stainless Steel	<b>Manual Soldering:</b>	360°C, 3 sec. Max.	<b>Salt-Mist:</b>	35°C, 5% NaCl, 48HR

## SIMS16 SERIES

6 Pin Surface Mount SIM Connector  
With Switch

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



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# Revisions

Revision B - (17th Jun 2010)

Plating Information added to specification  
Packing Information option added; Reel

**SIMS16 SERIES**

6 Pin Surface Mount SIM Connector  
With Switch

**19 APR 07**

Scale  
NTS

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS IN INCHES (MM)

TOLERANCES ARE:

NO DECIMALS  $\pm 0.1$   
ONE PLACE DECIMALS  $\pm 0.07$   
TWO PLACE DECIMALS  $\pm 0.05$

ANGLES  
 $\pm 0.5^\circ$



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B

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