

## Features:

- Available in three body types: Peel-A-Way® Removable Terminal Carriers, molded Solid Strips, and molded Snap Strips [breakable at .100/(2.54mm)].
- Tapered entry for ease of insertion.
- Multi-finger contacts for reliability.
- Closed bottom sleeve for 100% anti-wicking of solder.
- Custom configurations available.

## Specifications:

### Terminals:

Brass - Copper Alloy  
(C36000) ASTM-B-16

### Contacts:

Beryllium Copper  
(C17200) ASTM-B-194

### Solder Preform:

Standard: 63Sn/37Pb  
Lead-free: 95.5Sn/4.0Ag/0.5Cu

### Plating:

G - Gold over Nickel  
M - Matte Tin over Nickel  
T - Tin/Lead over Nickel

Gold per ASTM-B-488  
Matte Tin per ASTM545-97  
Tin/Lead per MIL-P-81728  
Nickel per QQ-N-290



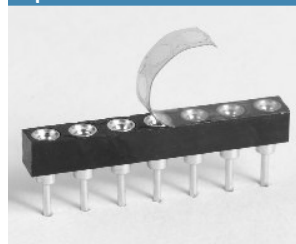
5 Energy Way, West Warwick, RI 02893 USA  
Tel: 800.424.9850 | 401.823.5200  
Fax: 401.823.8723  
info@advanced.com | www.advanced.com  
Catalog 16A

## Table of Models

	<p>Description: Peel-A-Way® Strips (KSS) Material: Polyimide Film Index: -269°C to 400°C (-452°F to 752°F)</p>	
	<p>Description: Molded Snap Strips (HSS/HLSS) Mat'l: Glass Filled Thermoplastic (PPS) Index: -60°C to 220°C (-76°F to 428°F)</p>	
	<p>Description: Molded Solid Strips (RNB, RLNB) Mat'l: High Temp. Liquid Crystal Polymer (LCP) Index: -40°C to 260°C (-40°F to 500°F)</p>	

HSS/HLSS replaces RSS/RLSS and SS/LSS. RNB/RLNB replaces HNB/HLNB and NB/LNB.

## Options

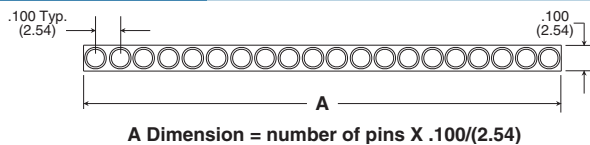


### Tape Seal - add 3M to end of part number

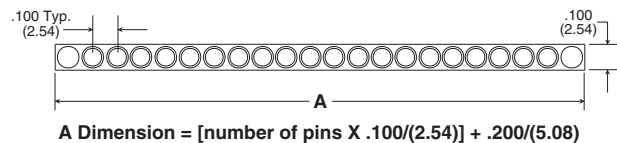
- Removable tape seal protects plated contact in harsh environments.
- Sealed socket will not allow dirt and other contaminants to enter socket chamber and become entrapped behind contact fingers.
- Spray flux without contaminating contact area.
- Material - Silicone Backed Polyimide Film, -74°C to 260°C (-100°F to 500°F) Intermittent to 371°C (700°F)

## Dimensional Information

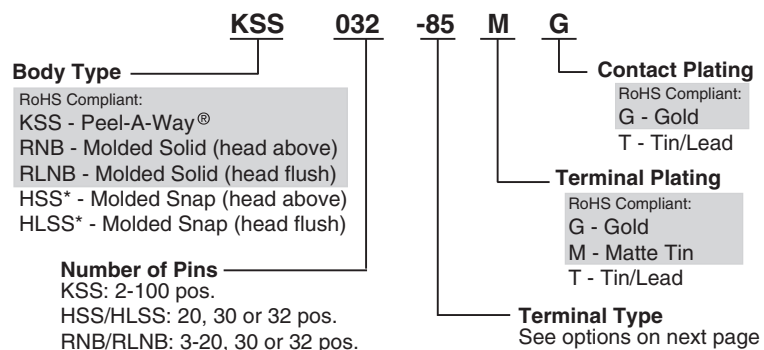
### Molded Body Types



### Peel-A-Way® Body Types



## How To Order



\*PSS Insulators (HSS/HLSS) are not suitable for high temperature, lead-free (RoHS) solder profiles.  
Note: Terminals plated with Matte Tin are available only with Gold plated contacts.

Products shown covered by patents issued and/or pending. Specifications subject to change without notice.

inch/(mm)

# SIP Sockets

## Molded and Peel-A-Way® Insulators

Additional standard and custom terminals available.  
See Terminals section or consult factory.

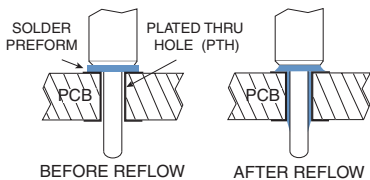
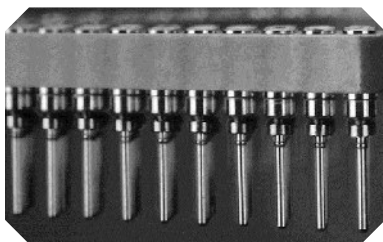
### Standard Terminals

<p><b>Type -51</b></p>	<p><b>Type -04</b></p>	<p><b>Type -49</b> Not for use with HSS or RNB.</p>	<p><b>Type -01</b> Molded only</p>
<p><b>Type -33</b> Peel-A-Way® only</p>	<p><b>Type -85</b> Peel-A-Way® only</p>	<p><b>Type -176</b> Peel-A-Way® only</p>	<p><b>Type -210</b> Peel-A-Way® only</p>

### Solder Preform Terminals

<p><b>Tin/Lead: Type -150</b> <b>Lead-free: Type -811</b></p>	<p><b>Tin/Lead: Type -151</b> <b>Lead-free: Type -812</b></p>	<p><b>Tin/Lead: Type -111</b> <b>Lead-free: Type -810</b> Peel-A-Way® only</p>
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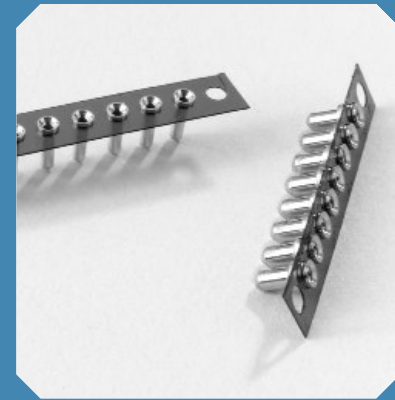
### Intrusive Reflow Application



### Solder Preform Terminals

- Combines the labor of socket loading and solder application into one operation.
- Eliminates the use of solder paste and screening operation.
- Eliminates solder bridges and/or solder shorts due to excess solder.
- Ensures a reliable solder joint with controlled solder volume.
- Ideal for surface mount and mixed technology applications.
- For custom solder preform terminal applications consult factory.

# SIP Sockets

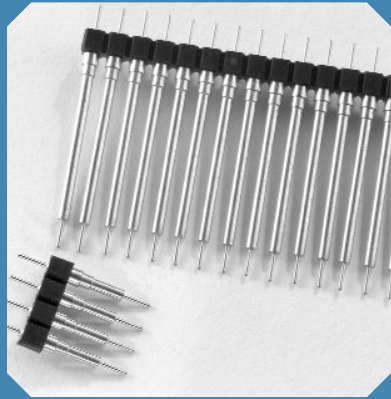


### Available Online:

- RoHS Qualification Test Report
- CAD Drawings

### EXPRESS Delivery

Terminals shown with the new EXPRESS symbol are available in most insulator body types with fast lead time. Some quantity and plating restrictions apply. Search our Distributor inventory online at [www.advanced.com](http://www.advanced.com), or check with customer service for availability.



### Features:

- Available in three body types: Peel-A-Way® Removable Terminal Carriers, molded Solid Strips, and molded Snap Strips [breakable at .100/(2.54mm)].
- Board to board applications.
- Peel-A-Way® Removable Terminal Carrier can be easily removed to allow inspection of solder joints on both sides of PC board, or left in place for added stability.
- Custom designs available.

### Specifications:

#### Terminals:


Brass - Copper Alloy  
(C36000) ASTM-B-16

#### Plating:

G - Gold over Nickel  
M - Matte Tin over Nickel  
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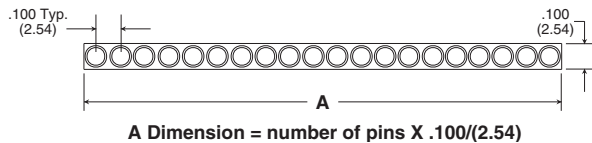
### Table of Models

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	<p>Description: <b>Molded Snap Strips (HSA)</b> Mat'l: Glass Filled Thermoplastic (PPS) Index: -60°C to 220°C (-76°F to 428°F)</p>	
	<p>Description: <b>Molded Solid Strips (RNA)</b> Mat'l: High Temp. Liquid Crystal Polymer (LCP) Index: -40°C to 260°C (-40°F to 500°F)</p>	

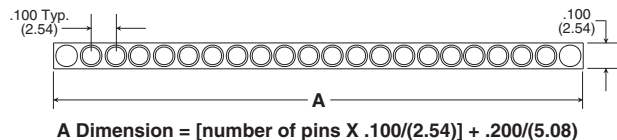
HSA replaces RSA and SA, RNA replaces NA and HNA.

### Dimensional Information

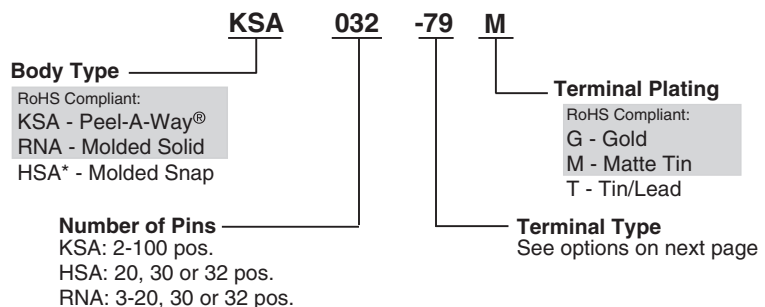
#### Molded Body Types



#### Peel-A-Way® Body Types



### How To Order



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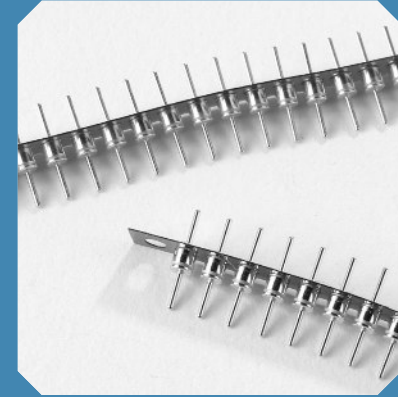
# SIP Adapters Molded and Peel-A-Way® Insulators

Additional standard and custom terminals available.  
See Terminals section or consult factory.

## Standard Terminals

<p><b>Type -79</b> Peel-A-Way® only</p>	<p><b>Type -80</b> Peel-A-Way® only</p>	<p><b>Type -81</b> Peel-A-Way® only</p>	<p><b>Type -574</b> Peel-A-Way® only</p>
<p><b>Type -08</b> Molded only</p>	<p><b>Type -09</b> Molded only</p>	<p><b>Type -68</b> Molded only</p>	<p><b>Type -43</b> Molded only</p>
<p><b>Type -185</b> Molded only</p>	<p><b>Type -42</b> Molded only</p>	<p><b>Type -71</b> Molded only</p>	

# SIP Adapters



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- CAD Drawings

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