SOCKET STRIP SSW & SSQ SERIES

SPECIFICATIONS

For complete specifications see www.samtec.com/SSW or www.samtec.com/SSQ

Insulator Material:
Black Liquid Crystal Polymer (-S & -D) or Black High Temperature Thermoplastic (-T)

Contact Material:
Phosphor Bronze

Plating:
Au or Ni Au

Operating Temp Range:
-55°C to +125°C with Gold
-65°C to +105°C with Tin

Contact Resistance:
10 mΩ max

Insertion Depth:
(3.66mm) 140° to (6.35mm) 260°

Insertion Force:
(Single contact only)
---S plating---
Standard: 5oz (1.67N) avg (0.64mm) 0.22" SQ pin);
SSW Low Insertion Force: 3oz (0.89N) avg
SSQ Low Insertion Force: 3.3oz (0.92N) avg

Normal Force:
Standard: 125grams (4.4N)
Withdrawal Force:
(Single contact only)
---S plating---
Standard: 5oz (1.39N) avg (0.64mm) 0.22" SQ pin);
SSW Low Insertion Force: 2.6oz (0.72N) avg
SSQ Low Insertion Force: 2.9oz (0.81N) avg

Max Cycles:
100 with 10µ (0.25µm) Au

Voltage Rating:
580 VAC w/ TSW

RoHS Compliant:
Yes

CURRENT RATING

<table>
<thead>
<tr>
<th>AMBIENT TEMPERATURE</th>
<th>SSW Mated with TSW</th>
</tr>
</thead>
<tbody>
<tr>
<td>20°C</td>
<td>5.5A</td>
</tr>
<tr>
<td>40°C</td>
<td>5A</td>
</tr>
<tr>
<td>60°C</td>
<td>4A</td>
</tr>
<tr>
<td>80°C</td>
<td>3A</td>
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</tbody>
</table>

Processing:
Lead-Free Solderable:
Yes

Note:
Some lengths, styles and options are non-standard, non-returnable.

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Due to technical progress, all designs, specifications and components are subject to change without notice.

SSQ-115-04-S-T
SSW-125-01-G-P

01 thru 50