SURFACE MOUNT .025" SQ POST HEADER

(2.54 mm) .100" PITCH • A-TSM SERIES

A-TSM
Board Mates:
A-SSW, A-SSQ, A-SSM

SPECIFICATIONS

Insulator Material:
Black Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze
Plating:
Au or Sn over 50 µ (1.27 µm) Ni
Operating Temp Range:
-55 °C to +105 °C with Tin;
-55 °C to +125 °C with Gold
Voltage Rating:
475 VAC
-SV/-DV mated with A-SSM

PROCESSING

Lead-Free Solderable:
Yes
-DH/-SH/-SV Lead Coplanarity:
(0.15 mm) .006” max (02-36)*
-DV Lead Coplanarity:
(0.10 mm) .004” max (02-05)
(0.13 mm) .005” max (06-10)*
(0.15 mm) .006” max (11-36)*
*(0.004” stencil solution may be available; contact ipg@samtec.com)

ALSO AVAILABLE

Other Platings (MOQ Required)

MATES CURRENT RATING (PER PIN)

<table>
<thead>
<tr>
<th>MATES</th>
<th>CURRENT RATING (PER PIN)</th>
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</thead>
<tbody>
<tr>
<td>A-TSM/A-SSW</td>
<td>4.7 A</td>
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<tr>
<td>A-TSM/A-SSM</td>
<td>5.4 A</td>
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2 POSITIONS POWERED

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

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

Samtec shall only comply with IATF-16949 on products it certifies as Automotive Custom Design “ACD” or on those designated with “A-” Samtec part # prefix.
“ACD” products are designed to Samtec’s specifications not customers’ specifications. Contact autosalesgroup@samtec.com with questions.