**RUGGED TIGER EYE™ SYSTEMS**

(1.27 mm) .050” PITCH

**FEATURES & BENEFITS**

- High-Reliability Rugged Tiger Eye™ contact system
- Surface mount & through-hole tails
- Vertical & horizontal orientation
- Up to 8 Gbps of performance
- SET qualified product
- Extended Life Product™ (E.L.P.™) for high mating cycles to 2,500
- Discrete Wire assemblies available. Contact autosalesgroup@samtec.com for other solutions.

**KEY SPECIFICATIONS (A-TFM/A-SFM)**

<table>
<thead>
<tr>
<th>PITCH</th>
<th>STACK HEIGHTS</th>
<th>INSULATOR MATERIAL</th>
<th>CONTACT MATERIAL</th>
<th>PLATING</th>
<th>OPERATING TEMP RANGE</th>
<th>CURRENT RATING</th>
<th>VOLTAGE RATING</th>
<th>MAX CYCLES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.27 mm</td>
<td>6 to 12 mm</td>
<td>Black LCP</td>
<td>BeCu (A-SFM)</td>
<td>Au or Sn over 50 µ” (1.27 µm) Ni</td>
<td>-55 °C to +125 °C</td>
<td>3.2 A per pin (2 pins powered)</td>
<td>250 VAC</td>
<td>10,000</td>
</tr>
</tbody>
</table>

10 YEAR MFG
EXTENDED LIFE PRODUCT
HIGH MATING CYCLES

**samtec.com/Automotive**

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 “A-” products are designed to Samtec’s specifications not customers’ specifications. Contact autosalesgroup@samtec.com with questions.
TIGER™

EYE

SYSTEM

A-SFM
Board Mates:
A-TFM

A-SFML
Board Mates:
A-TFML

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

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