

(0.80 mm) .0315"

SEM, SEMS, SEML SERIES

# MICRO TIGER EYE™ SOCKET

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?SEM](http://www.samtec.com?SEM), [www.samtec.com?SEMS](http://www.samtec.com?SEMS) or [www.samtec.com?SEML](http://www.samtec.com?SEML)

### Insulator Material:

Black Liquid Crystal Polymer

### Contact Material:

BeCu

### Plating:

Au or Sn over

50 μ" (1.27 μm) Ni

### Operating Temp Range:

-55 °C to +125 °C

### Current Rating (SEM/TEM):

2.6 A per pin

(2 pins powered)

### Voltage Rating:

235 VAC/330 VDC

### RoHS Compliant:

Yes

SEM, SEML Mates with:

TEM

SEMS Mates with:

TEMS



## POWER/SIGNAL APPLICATION



Compatible with UMPT/UMPS for flexible two-piece power/signal solutions

TIGER EYE  
CONTACT

High-reliability  
Tiger Eye™ contacts

Choice of  
mated heights

Weld  
tab

## RUGGEDIZED BY SAMTEC

- Passes 10 year MFG
- Locking clip option
- Weld tab option

## PROCESSING

### Lead-Free Solderable:

Yes

### SMT Lead Coplanarity:

(0.10 mm) .004" max

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)

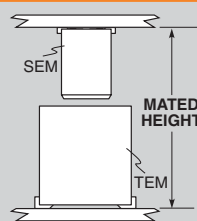


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## OTHER SOLUTIONS

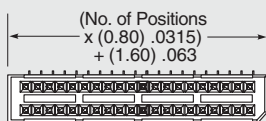
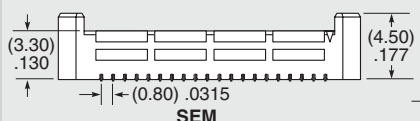
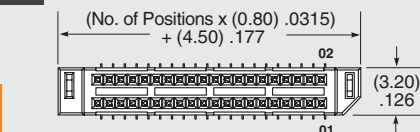
- Board Stacking: See SFM, TFM Series
- Cable Assemblies: See SFSD, TFSD Series

## MATED HEIGHT

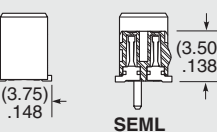


TEM LEAD STYLE	MATED HEIGHT*
-03.0	6 mm
-04.0	7 mm
-07.0	10 mm

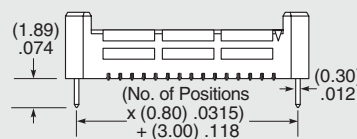
\*Processing conditions will affect mated height.



SEMS



SEML



-WT OPTION

## ALSO AVAILABLE (MOQ Required)

- Other sizes
- Other platings

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

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.