

SEM-130-02-03.0-H-D-WT



SEM-110-02-03.0-H-D-WT

(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

High-reliability  
Tiger Eye™ contacts

Choice of  
mated heights

Weld  
tab



## HIGH-SPEED CHANNEL PERFORMANCE

Rating based on Samtec reference channel. For full SI performance data visit [Samtec.com](http://Samtec.com) or contact [SI@samtec.com](mailto:SI@samtec.com)

8  
Gbps

## 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)

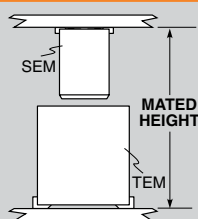


FILE NO. E111594

## OTHER SOLUTIONS

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

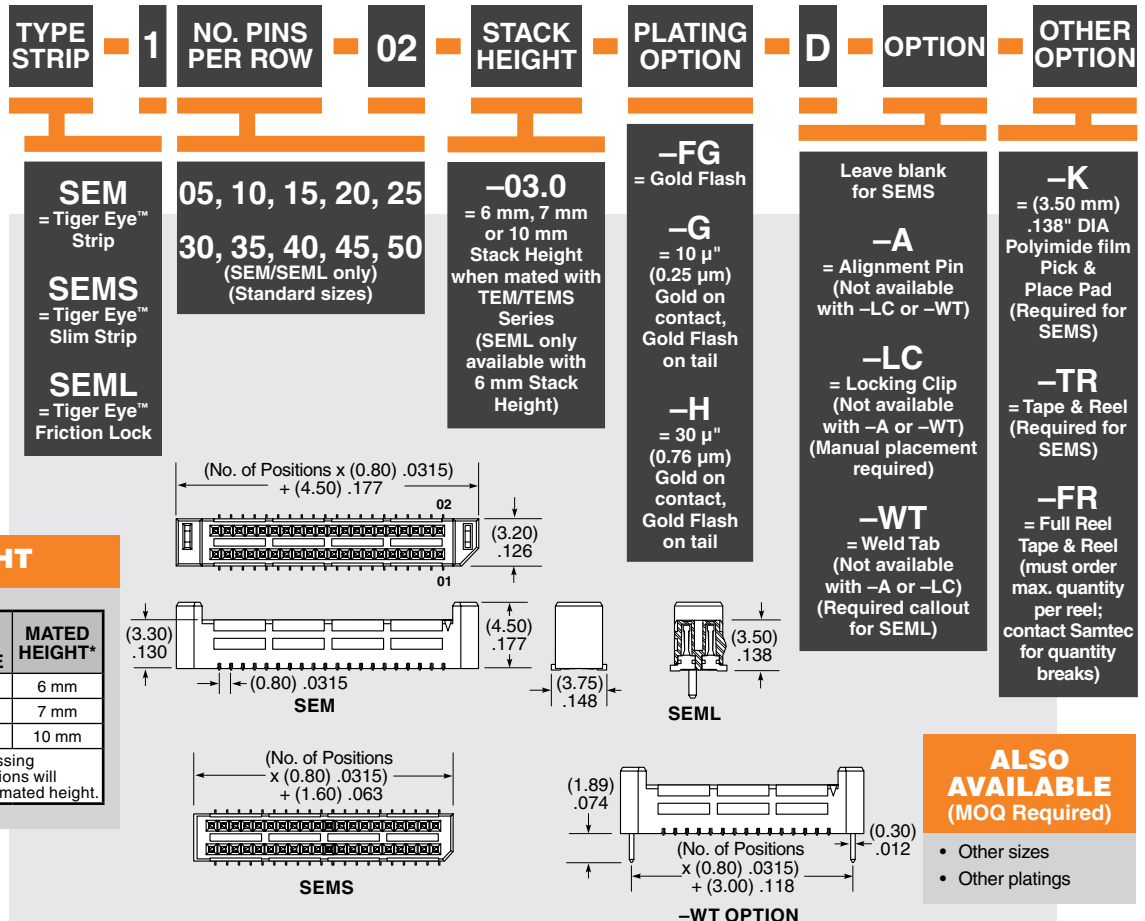
## MATED HEIGHT



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

\*Processing conditions will affect mated height.

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



**ALSO AVAILABLE**  
(MOQ Required)

- Other sizes
- Other platings

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Samtec:](#)

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