

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, www.samtec.com?SEMS or 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 or contact SI@samtec.com

8
Gbps

PROCESSING

Lead-Free Solderable:
Yes

SMT Lead Coplanarity:
(0.10 mm) .004" max

RECOGNITIONS

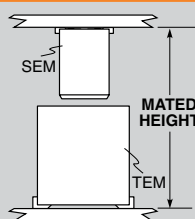
For complete scope of recognitions see www.samtec.com/quality



OTHER SOLUTIONS

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

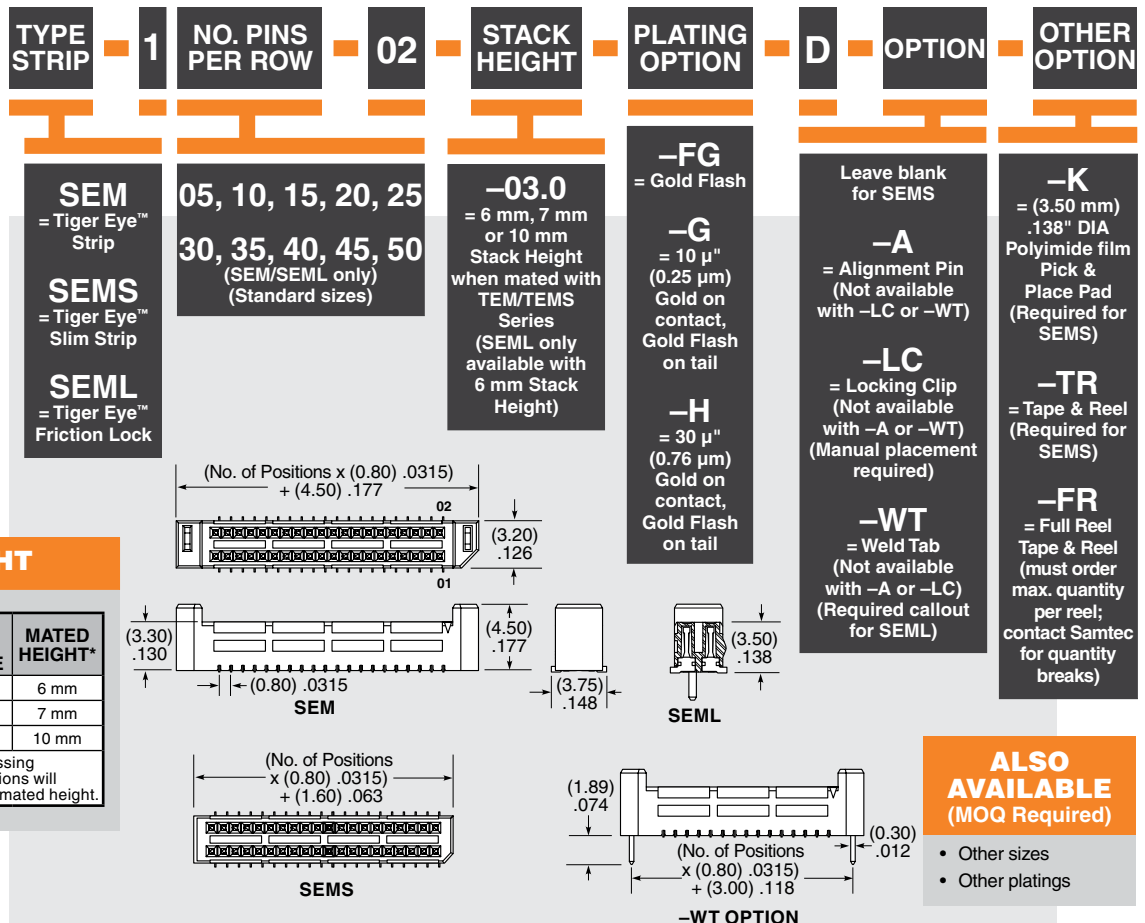
MATED HEIGHT



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