

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

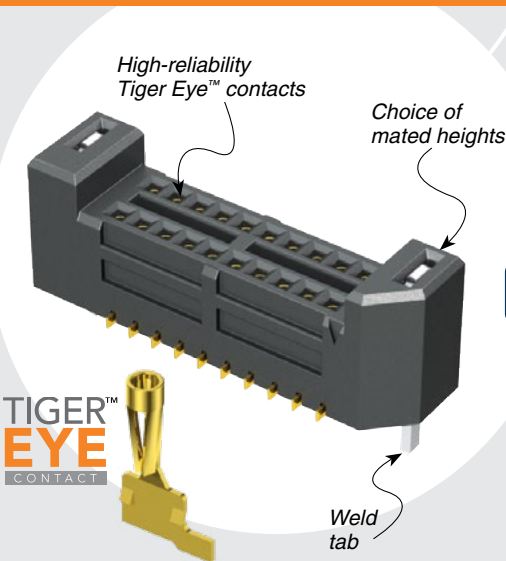
SEMS Mates with:
TEMS



POWER/SIGNAL APPLICATION



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



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

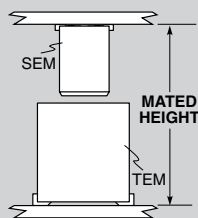


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OTHER SOLUTIONS

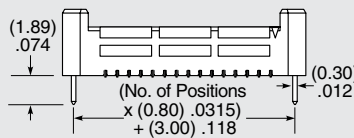
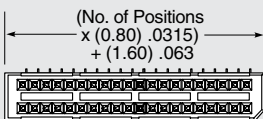
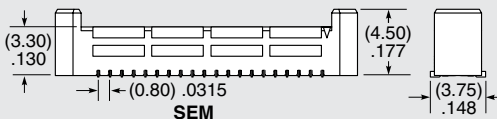
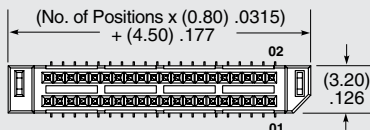
- Board Stacking: See SFM, TFM Series
 - Cable Assemblies: See SFSD, TFSD Series
- Contact Samtec.

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.



TYPE STRIP	NO. PINS PER ROW	STACK HEIGHT	PLATING OPTION	D	OPTION	OTHER OPTION
1	02	-03.0 = 6 mm, 7 mm or 10 mm Stack Height when mated with TEM/TEMS Series (SEML only available with 6 mm Stack Height)	-FG = Gold Flash -G = 10 μ" (0.25 μm) Gold on contact, Gold Flash on tail -H = 30 μ" (0.76 μm) Gold on contact, Gold Flash on tail	D	-A = Alignment Pin (Not available with -LC or -WT) -LC = Locking Clip (Not available with -A or -WT) (Manual placement required) -WT = Weld Tab (Not available with -A or -LC) (Required callout for SEML)	-K = (3.50 mm) .138" DIA Polyimide film Pick & Place Pad (Required for SEMS) -TR = Tape & Reel (Required for SEMS)

ALSO AVAILABLE
(MOQ Required)

- Other sizes
- Other platings

Contact Samtec.

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

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.