

RUGGED TIGER EYE™ SYSTEMS

(0.80 mm) .0315" PITCH





- High-reliability, multi-finger BeCu contact
- Micro pitch and slim body for space savings
- 6 mm, 7 mm and 10 mm stack heights
- · Locking clip, alignment pins and weld tab ruggedizing features
- Rugged latching system for increased withdrawal force
- Vertical and right-angle mating headers
- Discrete wire assembly available with 32 AWG *Teflon™ Fluoropolymer (See page 241).
 Contact asp@samtec.com for custom solutions.
- Extended Life Product™ testing available

*Teflon $^{\rm m}$ is a trademark of The Chemours Company FC, LLC used under license by Samtec.









Locking for increased unmating force (Visit samtec.com?SEML for more information) Components (ISDE/CC396) and tooling available:

samtec.com/tooling

KEY SPECIFICATIONS (SEM/TEM)

	INSULATOR MATERIAL	CONTACT MATERIAL	PLATING	OPERATING TEMP RANGE	CURRENT RATING	MAX. CYCLES	VOLTAGE RATING	LEAD-FREE SOLDERABLE
6 - 10 mm	Black LCP	BeCu (SEM) Phosphor Bronze (TEM)	Au or Sn over 50 μ" (1.27 μm) Ni	-55 °C to +125 °C	2.9 A per pin (2 pins powered)	100 with 10 μ" (0.25 μm) Au	235 VAC/330 VDC	Yes

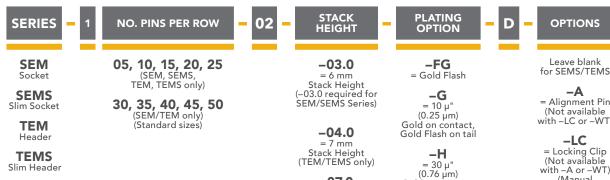




(0.80 mm) .0315" PITCH • MICRO TIGER EYE™ SOCKET AND HEADER

-07.0

= 10 mm Stack Height (TEM/TEMS only)



-A
= Alignment Pin
(Not available
with -LC or -WT)
-LC
= Locking Clip
(Not available
with -A or -WT)
(Manual

-WT = Weld Tab (Not available with -A or -LC)

placement

required)

-FR
= Full Reel
Tape & Reel
(must order max.
quantity per reel;
contact Samtec
for quantity
breaks)

-TR

= Tape & Reel

OTHER OPTIONS

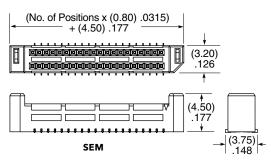
-K

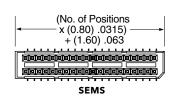
= (3.50 mm) .138"

SEM
Board Mates:
TEM

SEMS
Board Mates:





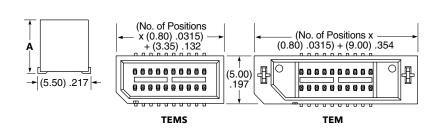


View complete specifications at: samtec.com?SEM & samtec.com?SEMS

TEM Board Mates: SEM, SEML

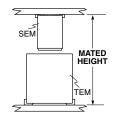
TEMS
Board Mates:
SEMS





Gold on contact, Gold Flash on tail

MATED HEIGHTS						
STACK HEIGHT	A	MATED HEIGHT*				
-03.0	(5.610) .2209	6 mm				
-04.0	(6.610) .2602	7 mm				
-07.0	(9.610) .3783	10 mm				



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

View complete specifications at: samtec.com?TEM & samtec.com?TEMS

^{*}Processing conditions will affect mated height.