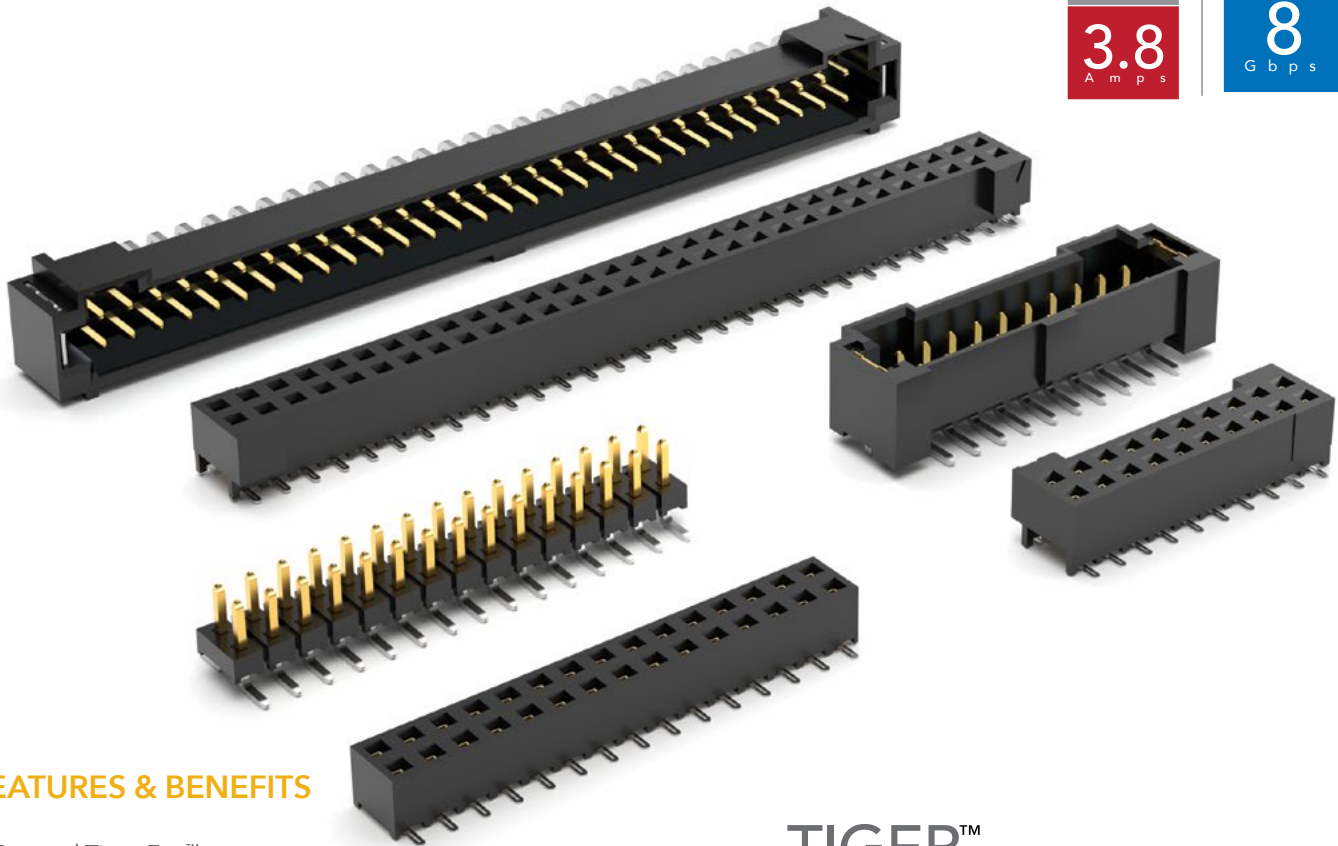


RUGGED TIGER EYE™ SYSTEMS

(2.00 mm) .0787" PITCH

MAX	8
3.8 A m p s	G b p s



FEATURES & BENEFITS

- Rugged Tiger Eye™ contact system for high-reliability
- Wide range of stack heights (A-SMM/A-TMM Series)
- Right-angle mating headers available
- Up to 8 Gbps of performance
- Surface mount or through-hole
- Discrete wire assemblies available in 24-30 AWG PVC or Teflon® wire; contact asp@samtec.com for custom solutions

**TIGER™
EYE**
CONTACT



- High-Reliability
- High Mating Cycles
- Multi-finger Contact

KEY SPECIFICATIONS (A-S2M/A-T2M)

PITCH	STACK HEIGHTS	TOTAL PINS	INSULATOR MATERIAL	CONTACT MATERIAL	PLATING	OPERATING TEMP RANGE	CURRENT RATING	MAX CYCLES
2.00 mm	6 & 7 mm	10 - 60	Black LCP	BeCu (S2M) Phosphor Bronze (T2M)	Au or Sn over 50 μ" (1.27 μm) Ni	-55 °C to +125 °C	3.8 A (A-T2M) 2.6 A (A-S2M) (2 pins powered)	100 with 10 μ" (0.25 μm) Au

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

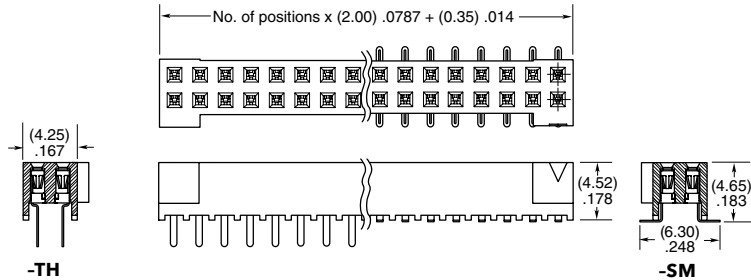


(2.00 mm) .0787" PITCH • HIGH-RELIABILITY CABLE INTERCONNECTS

SERIES	1	NO. OF POSITIONS	LEAD STYLE	PLATING OPTION	D	OPTIONS	PACKAGING
A-S2M Socket		05, 07, 10, 15, 20, 25, 30 (Per Row)	-01 = Through-hole -02 = Surface Mount	-L = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail		-K = (5.50 mm) .217" DIA Polyimide film Pick & Place Pad (-02 only)	Leave blank for tube packaging -TR = Tape & Reel (-02 only)



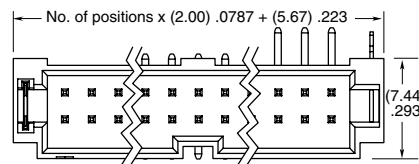
A-S2M
Board Mates:
A-T2M



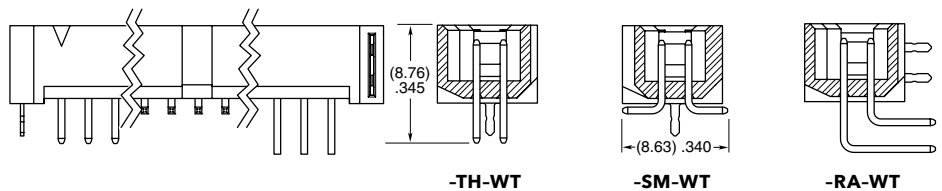
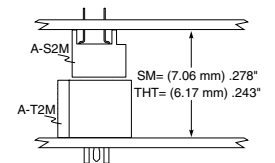
SERIES	1	NO. OF POSITIONS	01	PLATING OPTION	D	TAIL OPTION	OTHER OPTIONS	PACKAGING
A-T2M Header		05, 07, 10, 15, 20, 25, 30 (Per Row)		-L = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail		-TH = Through-hole -RA = Right-angle -SM = Surface Mount	-WT = Weld Tab -K = (7.50 mm) .295" DIA Polyimide film Pick & Place Pad (-SM only)	Leave blank for tube packaging -TR = Tape & Reel (-SM only)



A-T2M
Board Mates:
A-S2M



MATED HEIGHT



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

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