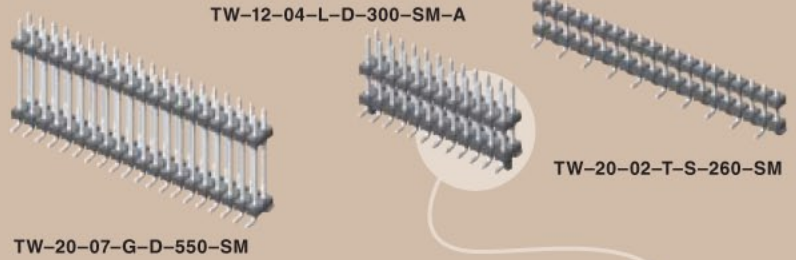




(2,00mm) .0787"

TW SERIES



SMT BOARD STACKERS

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?TW-SM

Insulator Material:

Black Liquid Crystal Polymer

Terminal Material:

Phosphor Bronze

Plating:

Sn or Au over 50µ" (1,27µm) Ni

Current Rating:

3A @ 80°C ambient

Operating Temp Range:

-55°C to +105°C with Tin; -55°C to +125°C with Gold

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

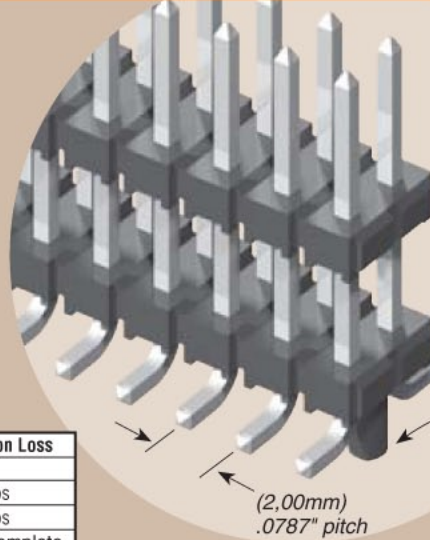
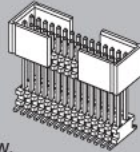
(0,15mm) .006" max



Mates with:
CLT, SQT, SQW, ESQT, TLE, SMM, MMS, TCSD

APPLICATION SPECIFIC OPTIONS

End shrouds with or without guide posts available. Call Samtec for stacker height ranges and standard part numbers on double row.



Available with optional Pick & Place Pads

Available with optional Alignment Pins

2mm TW/CLT	Rated @ 3dB Insertion Loss
18mm Stack Height	
Single-Ended Signaling	2.5 GHz / 5.0 Gbps
Differential Pair Signaling	3.0 GHz / 6.0 Gbps

Performance data for other stack heights and complete test data available at www.samtec.com?TW or contact sig@samtec.com

TW	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	STACKER HEIGHT	SM	OTHER OPTIONS
	02 thru 36	Specify LEAD STYLE from chart below.	-F = Gold flash on post, Matte Tin on tail -L = 10µ" (0,25µm) Gold on post, Matte Tin on tail -G = 20µ" (0,51µm) Gold on post, Gold flash on tail -T = Matte Tin	-S = Single Row -D = Double Row	-"XXX" = Stacker Height in inches (0,13mm) .005" increments Example: -250 = (6,35mm) .250"		-"XXX" = Polarized Position -A = Alignment Pin (Metal or plastic at Samtec discretion) (4,83mm) .190" min. board space (-D only) -P = Pick & Place Pad (1,91mm) .075" min. post height (04-36 only) -TR = Tape & Reel Packaging (-07 lead style not available) (-06 lead style with -P option not available as a standard)

Note: Other Gold plating options available. Contact Samtec.

Note: Other Gold plating options available. Contact Samtec.

Note: This Series is non-standard, non-returnable.

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

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