

(2,00 mm) .0787"

TW SERIES



TW-12-04-L-D-300-SM-A

TW-20-02-T-S-260-SM

TW-20-07-F-D-550-SM

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" (1.27 μm) Ni

Current Rating:

3A per contact
@ 80°C ambient

Operating Temp Range:
-55°C to +105°C with Tin:

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes

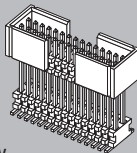
SMT Lead Coplanarity:
(0.15 mm) 0.06" max

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

(2,00 mm)
.0787" pitch

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" (0,25 μm) Gold on post, Matte Tin on tail —T = Matte Tin Note: Other Gold plating options available. Contact Samtec.	—S = Single Row —D = Double Row	—“XXX” = Stacker Height in inches (0,13 mm) .005" increments Example: —250 = (6,35 mm) .250"		—“XXX” = Polarized Position —A = Alignment Pin (Metal or plastic at Samtec discretion) (4,83 mm) .190" min. board space (—D only) —P = Pick & Place Pad (1,91 mm) .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)

No. of positions x (2,00) .0787

(2,00) .0787

(4,00) .1574

(1,27) .050 TYP

(0,51) .020 SQ

(0,00) .000 MIN

STACKER HEIGHT (4,32) .170 MIN

OAL

(1,50) .059

(2,00) .0787

LEAD STYLE	OAL
—02	(7,85) .309
—03	(11,86) .467
—04	(12,37) .487
—06	(15,37) .605
—07	(17,35) .683
—09	(9,86) .388

(1,09) .043 DIA

(1,27) .050

—A OPTION

(5,33) .210

A

—P OPTION

Note: For added mechanical stability, Samtec recommends mechanical board spacers be used in applications with gold or selective gold plated connectors. Contact ipg@samtec.com for more information.

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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