





(2.54 mm) .100"

DW, EW, ZW, HW-TH SERIES

EXIBLE .025" SQ BOARD STACKERS

Mates with:

SSW, SSQ, ESW, ESQ, CES, SLW, BSW, BCS, SSM. HLE. PHF

Cable Mates:

SPECIFICATIONS

For complete specifications see www.samtec.com?DW, www.samtec.com?EW, www.samtec.com?ZW or www.samtec.com?HW-TH

Insulator Material: DW, EW, ZW: Black Glass Filled Polyester HW: Natural Liquid Crystal Polymer

Terminal Material: Phosphor Bronze

Plating: Au or Sn over 50 μ" (1.27 μm) Ni Operating Temp Range: -55 °C to +125 °C with Gold -55 °C to +105 °C with Tin

RoHS Compliant: Yes

Lead-Free Solderable:

DW, EW, ZW: No, Lead Wave Only HW: Yes

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



ALSO AVAILABLE (MOQ Required)

· Other platings

Notes:

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.

This Series is non-standard, non-returnable.

STRIP

DW

= (2.79 mm) .110" Tail

(2.79) .110

ΕW

= (8.38 mm) .330" Tail

(8.38)

ZW

Custom Tail

TAIL LENGTH

HW

= High Temp

Custom Tail

TAIL LENGTH

NO. PINS **PER ROW**



Specify LEAD STYLE

from chart

POST (0.00).000 MIN

STACKER HEIGHT

TAIL (1.40) .055 MIN

01 thru 50

(2.54) 100

01

(2.54) .100 x No. of Positions

(5.08) M M M M M M (2.54)

Ø

ø

(2.54) .100

OVERALL LENGTH (OAL)

LEAD STYLE

- 07

- 08

- 09

-10

-11

-12

-13

-14

-15

-16

-17

-19

-20

OAL

(10.92) .430

(13.46) .530

(18.54) .730

(21.08) .830

(23.62) .930

(26.16) 1.03

(31.24) 1.230

36.32) 1.430

(16.00) .630

(11.30) .445

(12.19) .480

(33.78) 1.330

(28.70) 1.130

or -Q*

-Q*

= Same as -T except middle row

of pins

missing.

OPTION

ROW OPTION

= Single Row

-D= Double Row

= Triple Row

 $-\mathbf{Q}$ = Double Row .200" (5.08 mm) row space

STACKER **HEIGHT**

"XXX" = Stacker Height (in inches) (5.08 mm)

.200" minimum Example: -250

= (6.35 mm) .250"

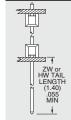


OTHER OPTIONS

"XXX"

= ZW or HW Tail Length (in inches) (1.40 mm) .055 minimum

Example: –250 = (6.35 mm) .250"



·LL

= Locking Lead (Shortest dimension between the tail and the post is the end that will be crimped. Available on tails from (2.29 mm) .090" to (7.87 mm) .<u>31</u>0" only.) Single row, 01

"XXX"

& 02 positions & -Q row not

available

Specify omitted pin position

Matte Tin on tail

= 10 μ" (0.25 μm) Gold on contact area of longer tail, Matte Tin on tail

= Gold flash on contact,

–G

= 10 µ" (0.25 µm) Gold on contact area of longer tail, Gold flash on balance

= Matte Tin

= Polarized

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

(0.64) .025 SQ TYP