



(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

RECOGNITIONS

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



HW: Yes

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)

NO. PINS **PER ROW**



Specify LEAD STYLE

from chart

POST (0.00).000 MIN

STACKER HEIGHT

TAIL (1.40) .055 MIN

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

OPTION

ROW OPTION

= Single Row

-D= Double Row

= Triple Row

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

"XXX"

STACKER

HEIGHT

= Stacker Height (in inches) (5.08 mm) .200" minimum

Example: -250 = (6.35 mm) .250"



= Gold flash on contact,

Matte Tin on tail

= 10 μ" (0.25 μm)

Gold on contact area of longer tail, Matte Tin on tail

–G

= 10 µ" (0.25 µm)

Gold on contact area

of longer tail,

Gold flash on balance

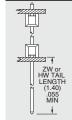
= Matte Tin

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" = Polarized

& 02 positions & -Q row not

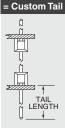
available

Specify omitted pin position

01 thru 50

01

(2.54) .100 x No. of Positions

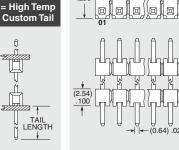


HW

ZW

(5.08) M M M M M M (2.54) ø or -Q* Ø

(2.54) 100



-Q* = Same as middle row of pins missing. (0.64) .025 SQ TYP

-T except

Due to technical progress, all designs, specifications and components are subject to change without notice ■ WWW.SAMTEC.COM |

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Samtec:

ZW-18-10-T-S-312-413