

BOARD STACKER DW, EW, ZW & HW SERIES



Mates with:
SSW, SSQ, ESW, ESQ,
CES, SLW, BSW, BCS,
SSM, IDSS, IDSD, HLE

SPECIFICATIONS

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

DW, EW, ZW
Insulator Material:
Black Glass Filled
Polyester
Terminal Material:
Phosphor Bronze
Plating:
Au or Sn over
50µ" (1,27µm) Ni
Operating Temp Range:
-55°C to +125°C with Gold
-55°C to +105°C with Tin

Processing:
Lead-Free Solderable:
Wave Only

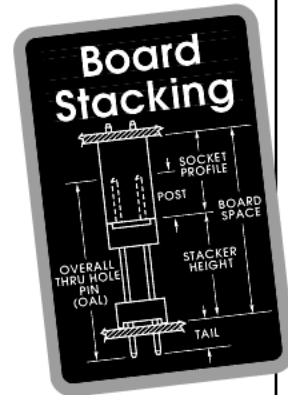


SPECIFICATIONS

For complete specifications see www.samtec.com?HW

HW
Same as ZW except:
Insulator Material:
Natural Liquid Crystal
Polymer

Processing:
Max Processing Temp:
230°C for 60 seconds, or
260°C for 20 seconds 3x
Lead-Free Solderable:
Yes



| TYPE STRIP | NO. PINS PER ROW | LEAD STYLE | PLATING OPTION | ROW OPTION | STACKER HEIGHT | OTHER OPTIONS |
|------------|------------------|------------|----------------|------------|----------------|---------------|
|------------|------------------|------------|----------------|------------|----------------|---------------|

DW
= (2.79mm)
.110" Tail

EW
= (8.38mm)
.330" Tail

ZW
= Custom Tail

HW
= High Temp Custom Tail

Specify LEAD STYLE from chart

| LEAD STYLE | OAL |
|------------|---------------|
| -07 | (10.92).430 |
| -08 | (13.46).530 |
| -09 | (18.54).730 |
| -10 | (21.08).830 |
| -11 | (23.62).930 |
| -12 | (26.16) 1.030 |
| -13 | (31.24) 1.230 |
| -14 | (36.32) 1.430 |
| -15 | (16.00).630 |
| -16 | (11.30).445 |
| -17 | (12.19).480 |
| -19 | (33.78) 1.330 |
| -20 | (28.70) 1.130 |

01 thru 50

Diagrams showing pin counts and dimensions for various configurations:

- 01: (2.54) .100 x No. of Positions
- 02: (5.08) .200
- 03: (7.52) .296
- 100: (2.54) .100
- 150: (5.08) .200
- 148: (2.54) .100

Options: -S, -D, -T or -Q*, -Q* (Same as -T except middle row of pins missing).

Dimensions: (2.54) .100, (0.64) .025 SQ TYP

-S
= Single Row

-D
= Double Row

-T
= Triple Row

-Q
= Double Row .200" (5.08mm) row space

"XXX"
= Stacker Height

Stacker Height (5.08) 200 MIN

"XXX"
= ZW or HW Tail Length

ZW or HW TAIL LENGTH (1.40) .055 MIN

-LL
= Locking Lead (Shortest dimension between the tail and the post is the end that will be crimped. Available on tails from (2.29) .090" to (10.16) .400" only.)

Single row, 01 & 02 positions & -Q row not available

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

-S
= 30µ" (0.76µm) Gold on contact area of longer tail, Matte Tin on tail

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

-F
= Gold flash on contact, Matte Tin on tail

-T
Matte Tin

"XXX"
= Polarized

Specify omitted pin position

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

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