



(2.54 mm) .100"

HW-15-08-G-S-335-SM



HW-25-15-L-D-474-SM-A



HW SERIES

# FLEXIBLE .025" SQ BOARD STACKERS

## Mates with:

SSW, SSQ, ESW, ESQ,  
CES, SLW, BSW, BCS,  
SSM, IDSS, IDSD, HLE,  
PHF, SMSD, SMSS

## SPECIFICATIONS

For complete specifications  
and recommended PCB layouts  
see [www.samtec.com?HW-SM](http://www.samtec.com?HW-SM)

### Insulator Material:

Top: Natural LCP

Bottom: Black LCP

### Terminal Material:

Phosphor Bronze

### Plating:

Au or Sn over

50µ" (1.27 µm) Ni

### Operating Temp Range:

-55°C to +125°C with Gold

-55°C to +105°C with Tin

### RoHS Compliant:

Yes

### Processing:

Lead-Free Solderable:

Yes

### SMT Lead Coplanarity:

(0.15 mm) .006" max

## RECOGNITIONS

For complete scope  
of recognitions see  
[www.samtec.com/quality](http://www.samtec.com/quality)



FILE NO. E111594



FILE NO. 090871\_0\_000

## ALSO AVAILABLE (MOQ Required)

- Other platings
- Locking Clip  
(Manual placement  
required) available  
with double row -SM  
Contact Samtec.

**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](mailto:ipg@samtec.com) for  
more information.

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

HW NO. PINS PER ROW LEAD STYLE PLATING OPTION ROW OPTION STACKER HEIGHT SM OTHER OPTIONS

02 thru 36



## Specify LEAD STYLE from chart



| LEAD STYLE | OAL (SMT)        |
|------------|------------------|
| -08        | (11.81)<br>.465  |
| -09        | (16.89)<br>.665  |
| -10        | (19.43)<br>.765  |
| -11        | (21.97)<br>.865  |
| -12        | (24.51)<br>.965  |
| -15        | (14.35)<br>.565  |
| -16        | (9.65)<br>.380   |
| -17        | (10.54)<br>.415  |
| -20        | (27.05)<br>1.065 |

- S  
= Single  
Row

- D  
= Double  
Row

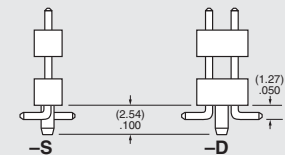
- "XXX"  
= Stacker  
Height



- "XXX"  
= Polarized

Specify omitted pin position

- A  
= Alignment Pin



(Metal or plastic at Samtec discretion)

-TR

= Tape & Reel Packaging (27 positions Max.)  
(Not Available on Lead Styles 10, 11, 12 & 20)

-F

= Gold flash on contact, Matte Tin on tail

-L

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

-G

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

-T

= Matte Tin