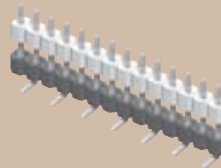




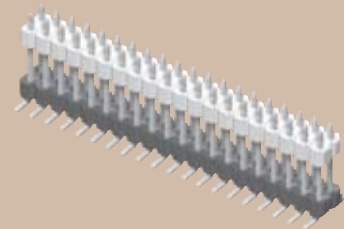
(2,54mm) .100"

HW SERIES

HW-14-08-G-S-350-SM



HW-20-15-G-D-475-SM



# 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" (1,27µm) Ni

### Current Rating:

3A @ 80°C ambient

### 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

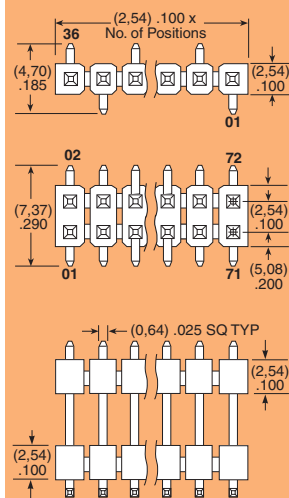
### SMT Lead Coplanarity:

(0,15mm) .006" max

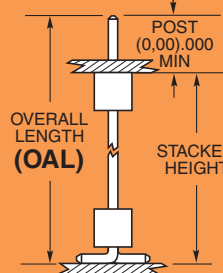


HW NO. PINS PER ROW LEAD STYLE PLATING OPTION ROW OPTION STACKER HEIGHT SM OTHER OPTIONS

02 thru 36

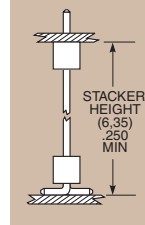


Specify LEAD STYLE  
from chart



| LEAD STYLE | OAL (SMT)     |
|------------|---------------|
| -08        | (11,81) .465  |
| -09        | (16,89) .665  |
| -10        | (19,43) .765  |
| -11        | (21,97) .865  |
| -12        | (24,51) .965  |
| -15        | (14,35) .565  |
| -16        | (9,65) .380   |
| -17        | (10,54) .415  |
| -20        | (27,05) 1.065 |

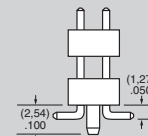
– “XXX”  
= Stacker  
Height



– “XX”  
= Polarized

Specify omitted pin position

– A  
= Alignment Pin



Double row only  
(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" (0,25µm) Gold on contact area of longer tail, Matte Tin on tail

– G

= 10µ" (0,25µm) Gold on contact area of longer tail, Gold flash on balance

– T

= Matte Tin

Note: Other Gold plating options available.  
Contact Samtec.

## APPLICATION SPECIFIC OPTION

Locking Clip (Manual  
placement required)  
available with  
double row -SM.  
Call Samtec.

Note: These Series are  
non-standard, non-returnable.

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

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Authorized Distributor

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[HW-04-12-L-D-590-SM-A](#) [HW-13-09-L-D-354-SM](#)