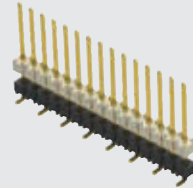
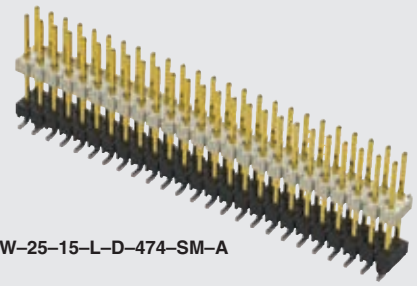


HW-15-08-G-S-335-SM



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



**FLEX  
STACK**

(2.54 mm) .100"

**HW-SM SERIES**

# FLEXIBLE .025" SQ BOARD STACKERS

**Board Mates:**  
SSW, SSQ, ESW, ESQ,  
CES, SLW, BSW, BCS,  
SSM, HLE, PHF

**Cable Mates:**  
IDSS, IDSD

## 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

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

## PROCESSING

**Lead-Free Solderable:**

Yes

**SMT Lead Coplanarity:**

(0.15 mm) .006" max\*

\*(.004" stencil solution

may be available; contact

IPG@samtec.com)

## RECOGNITIONS

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



FILE NO. E111594

## ALSO AVAILABLE (MOQ REQUIRED)

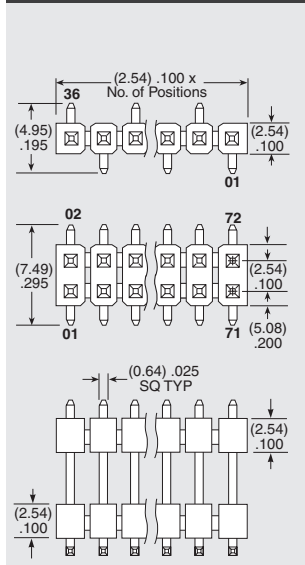
- Other platings
- Locking Clip (Manual placement required) available with double row -SM

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

This Series is non-standard, non-returnable.

<b>HW</b>	<b>NO. PINS PER ROW</b>	<b>LEAD STYLE</b>	<b>PLATING OPTION</b>	<b>ROW OPTION</b>	<b>STACKER HEIGHT</b>	<b>SM</b>	<b>OTHER OPTIONS</b>
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## 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

Diagram showing POST (0.00) .000 MIN and OVERALL LENGTH (OAL) and STACKER HEIGHT.

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

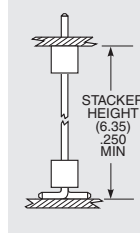
All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

- S = Single Row

- D = Double Row

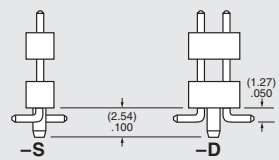
- "XXX" = Stacker Height



- "XXX" = Polarized

Specify omitted pin position

-A = Alignment Pin



(Metal or plastic at Samtec discretion)

-TR = Tape & Reel Packaging

(4-27 pins per row only)

(Not Available on Lead Styles 10, 11, 12 & 20)

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

-L = 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

-T = Matte Tin