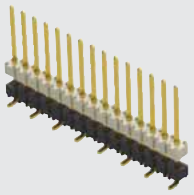
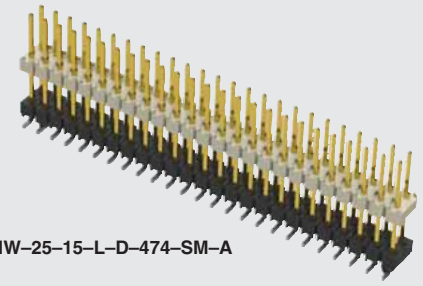
samtec

FLEX STACK

(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

**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

FILE NO. E111594

FILE NO: 090871_0_000

## ALSO AVAILABLE (MOQ Required)

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

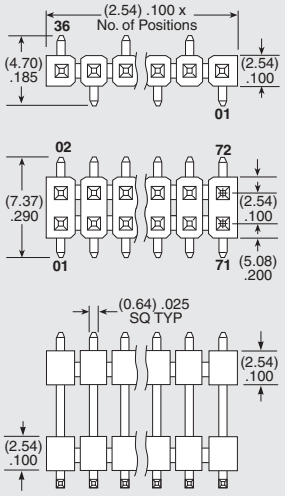
Contact Samtec.

**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 for more information.

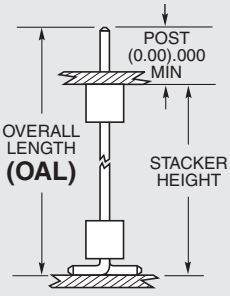
**Note:** This Series is non-standard, non-returnable.

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

## 02 thru 36




## Specify LEAD STYLE from chart

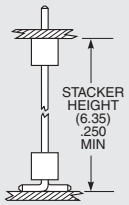



| LEAD STYLE | OAL (SMT) |
|---|---|
| –08 | (11.81) .465 |
| –09 | (16.89) .665 |
| –10 | (19.43) .765 |
| –11 | (21.97) .865 |
| –12 | (24.51) .965 |
| –15 | (14.35) .565 |
| –16 | (9.65) .380 |
| –17 | (10.54) .415 |
| –20 | (27.05) 1.065 |

## – S
= Single Row

## – D
= Double Row

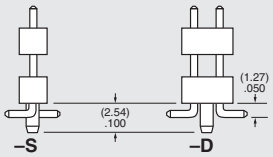
## –"XXX"
= Stacker Height




## –"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



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