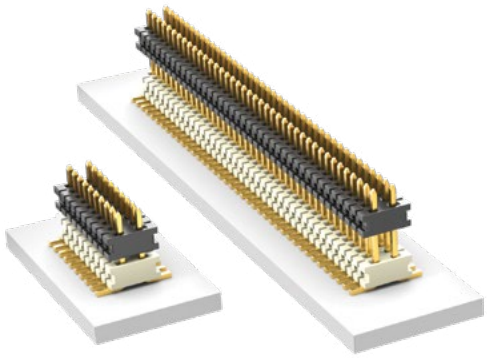
FLEX STACK

# SMT MICRO BOARD STACKER



## (0.80 mm) .0315" PITCH • AW SERIES

**AW**
**Mates:**
CLE

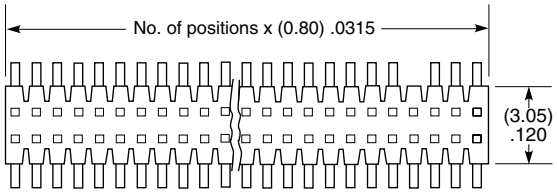
## SPECIFICATIONS

**Insulator Material:**
Top: Black LCP
Bottom: Natural LCP
**Terminal Material:**
Phosphor Bronze
**Plating:**
Au over 50 µ" (1.27 µm) Ni
**Operating Temp Range:**
-55 °C to +125 °C

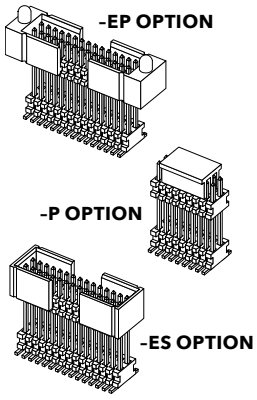
## PROCESSING

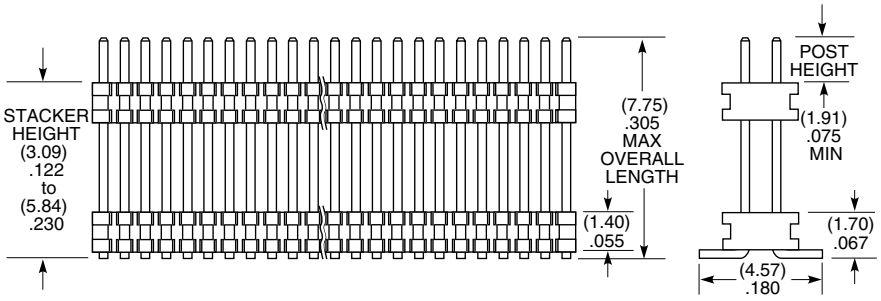
**Lead-Free Solderable:**
Yes
**SMT Lead Coplanarity:**
(0.10 mm) .004" max (05-40)
(0.15 mm) .006" max (41-90)*
*(.004" stencil solution may be available; contact ipg@samtec.com)

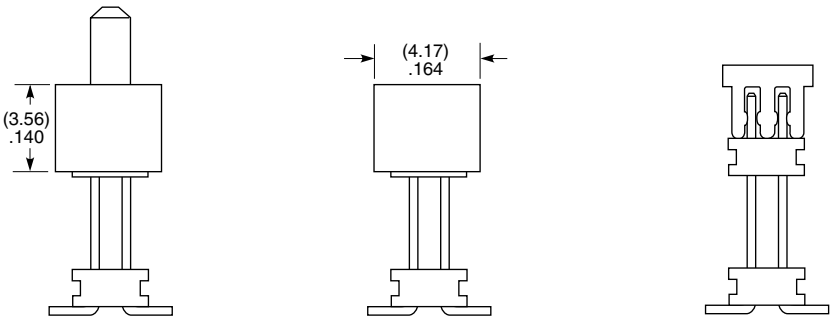
| AW | - | NO. PINS PER ROW | - | 03 | - | PLATING OPTION | - | D | - | STACKER HEIGHT | - | POST HEIGHT | - | OTHER OPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 05 thru 90 | | | | –G = 10 µ" (0.25 µm) Gold | | | | –"XXX" = Stacker Height (in inches) (3.09 mm) .122" to (5.84 mm) .230" Example: –175 = (4.45 mm) .175" | | –"XXX" = Post Height (in inches) (1.91 mm) .075" minimum Example: –075 = (1.91 mm) .075" | | –ES = End Shroud 11 pins/row min. (–075 Post Height only)<br>–EP = End Shroud with Guide Post (–075 Post Height only) 11 pins/row min.<br>–A = Alignment Pin (4 positions min.) (Available for board stacks between (4.06 mm) .160" to (5.84 mm) .230") (Metal or plastic at Samtec discretion.)<br>–P = Pick & Place Pad (8 positions min.)<br>–TR = Tape & Reel (84 positions max.)<br>–FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (84 positions max.) |




## OPTIONS




**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 for more information.

Some lengths, styles and options are non-standard, non-returnable.



Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.