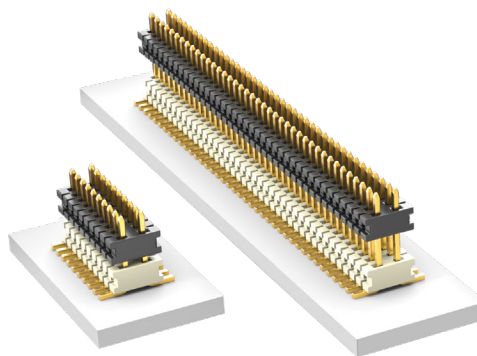


# SMT MICRO BOARD STACKER

(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  $\mu$ " (1.27  $\mu$ m) Ni

### Operating Temp Range:

-55 °C to +125 °C

## PROCESSING

### Lead-Free Solderable:

Yes

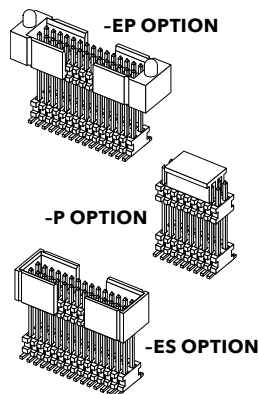
### SMT Lead Coplanarity:

(0.10 mm) .004" max (05-40)

(0.15 mm) .006" max (41-90)\*

\*(.004" stencil solution may be available; contact ipg@samtec.com)

## OPTIONS

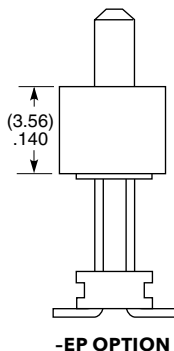
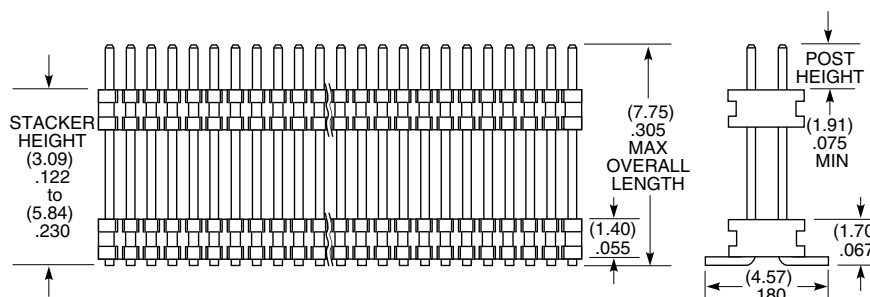
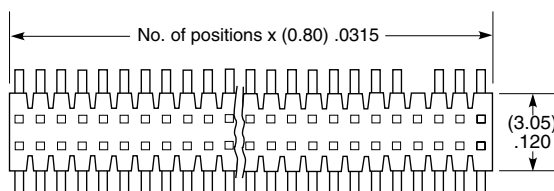


### Notes:

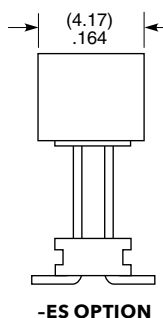
For added mechanical stability, Samtec recommends mechanical board spacers be used in applications with gold or selective gold plated connectors. Contact ipg@samtec.com for more information.

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

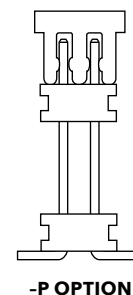
| AW | NO. PINS PER ROW | 03 | PLATING OPTION                               | D | STACKER HEIGHT                                                                            | POST HEIGHT                                                              | OTHER OPTION                                       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



-EP OPTION



-ES OPTION



-P OPTION