

(0.80 mm) .0315"

AW SERIES

SMT MICRO BOARD STACKER

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?AW

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

RoHS Compliant:

Yes

PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.10 mm) .004" max (05-40)
(0.15 mm) .006" max (41-90)

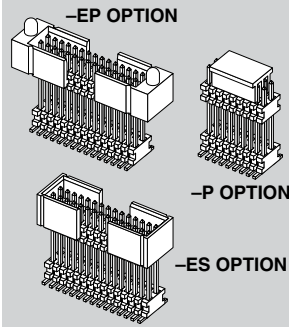
RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



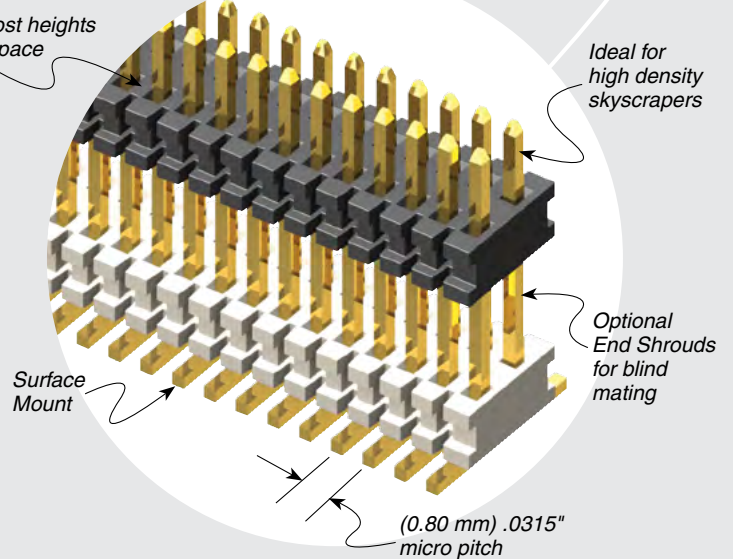
Mates with:
CLE

OPTIONS



Choice of post heights and board space

Ideal for high density skyscrapers



| AW | NO. PINS PER ROW | 03 | PLATING OPTION | D | STACKER HEIGHT | POST HEIGHT | 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)) -EP = End Shroud with Guide Post (075 Post Height only) (11 pins/row min.) -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.) -P = Pick & Place Pad (8 positions min.) -TR = Tape & Reel (84 positions max.) |

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