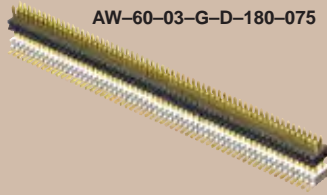




(0,80 mm) .0315"

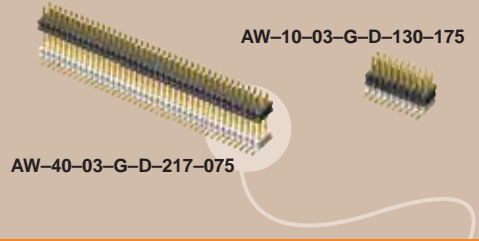
AW SERIES

AW-60-03-G-D-180-075



AW-10-03-G-D-130-175

AW-40-03-G-D-217-075



SMT MICRO BOARD STACKER

SPECIFICATIONS

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

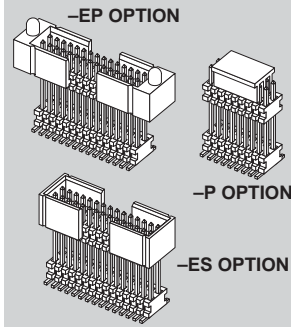
Insulator Material:
 Top: Black LCP
 Bottom: Natural LCP
Terminal Material:
 Phosphor Bronze
Plating:
 Au over 50µ" (1,27 µm) Ni
Current Rating:
 .75A per contact @ 80°C ambient
Operating Temp Range:
 -55°C to +125°C
RoHS Compliant:
 Yes



Processing:
 Lead-Free Solderable:
 Yes
SMT Lead Coplanarity:
 (0,10 mm) .004" max (05-40)
 (0,15 mm) .006" max (41-90)

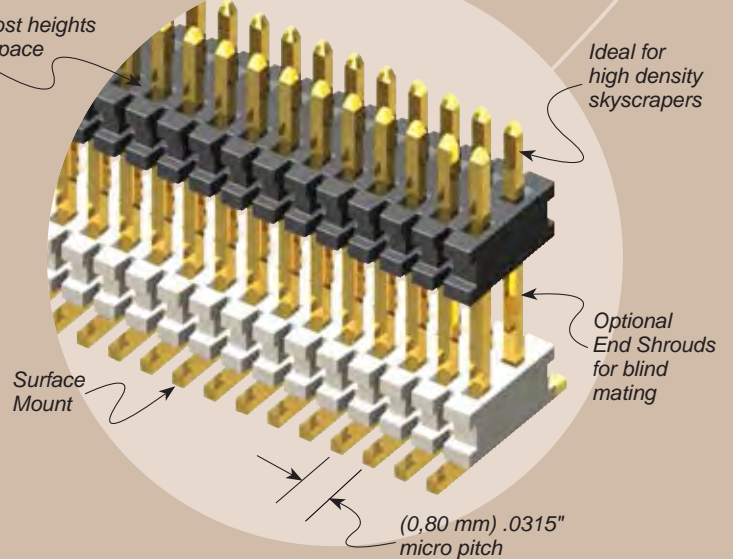
Mates with:
 CLE

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 = 10µ" (0,25 µm) Gold

—"XXX"
 = Stacker Height (in inches) (3,09 mm) .122" to (5,84 mm) .230"
 Example: -175 = (4,45 mm) .175"

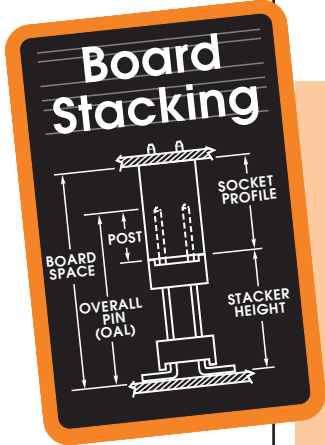
—"XXX"
 = Post Height (in inches) (1,91 mm) .075" minimum
 Example: -075 = (1,91 mm) .075"

-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.)

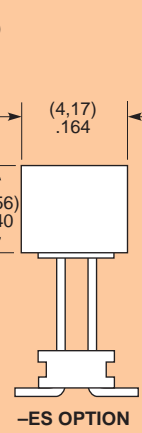
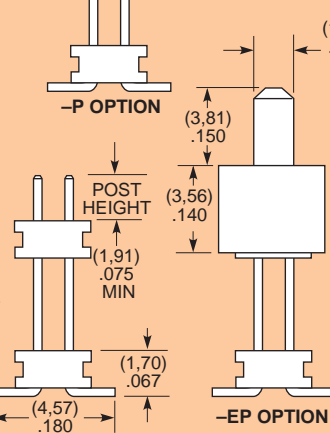
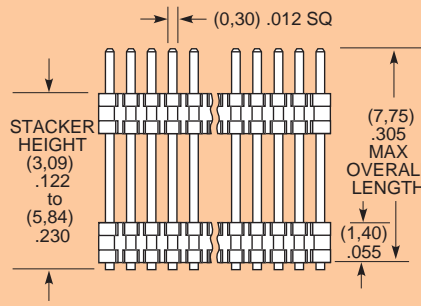
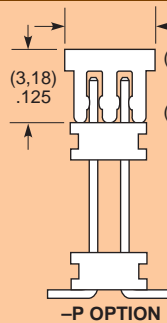
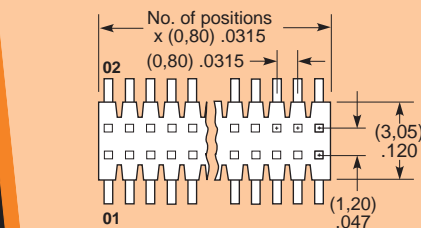
-P = Pick & Place Pad (8 positions min.)

-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.



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

WWW.SAMTEC.COM