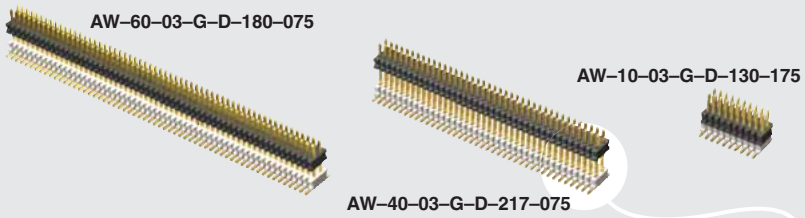
samtec

FLEX STACK

(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)

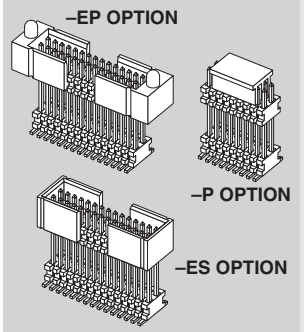
RECOGNITIONS

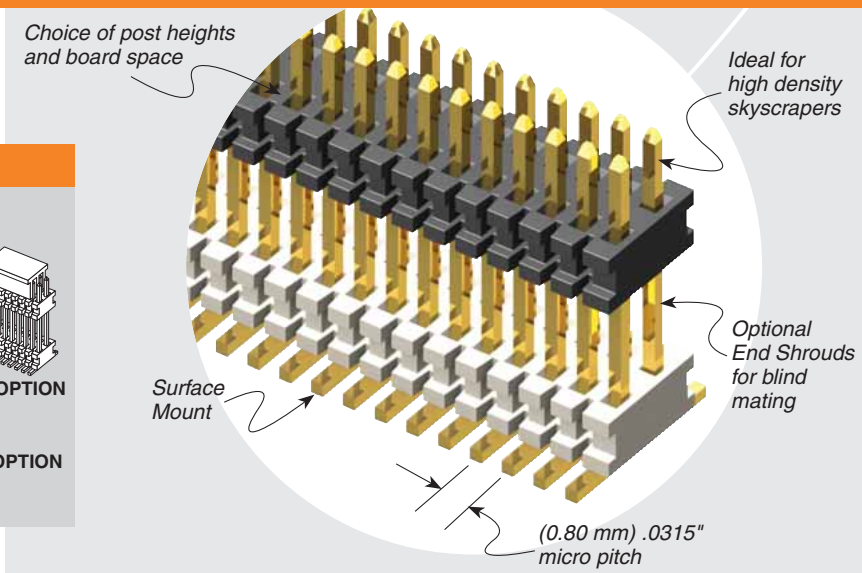
For complete scope of recognitions see www.samtec.com/quality

FILE NO. E111594

Mates with:
CLE

OPTIONS





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"	

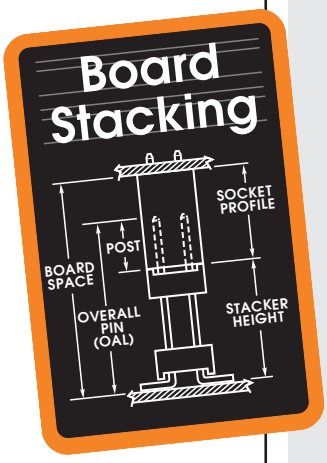
–ES = End Shroud 11 pins/row min. (–075 Post Height only)

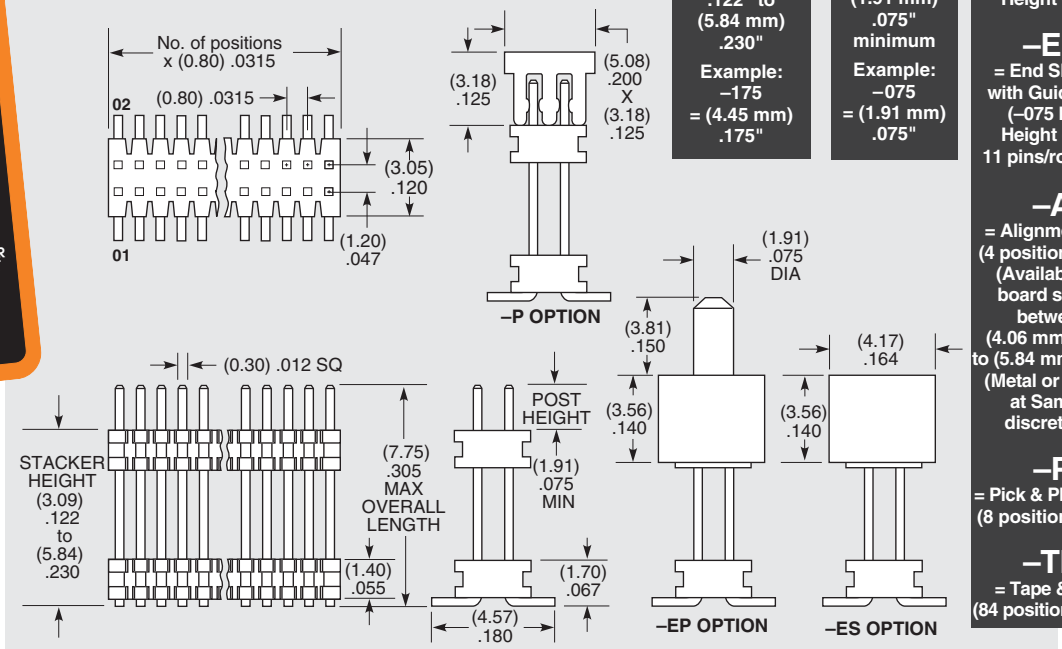
–EP = End Shroud with Guide Post (–075 Post Height only) 11 pins/row min.

–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.

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