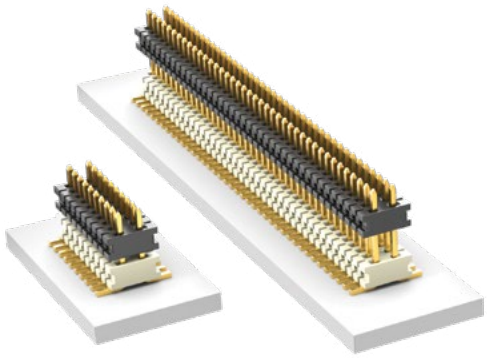
FLEX STACK

SMT MICRO BOARD STACKER



(0.80 mm) .0315" PITCH • AW SERIES

AW
Mates:
CLE

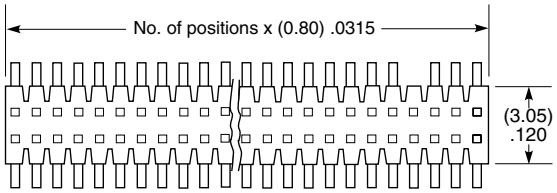
SPECIFICATIONS

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

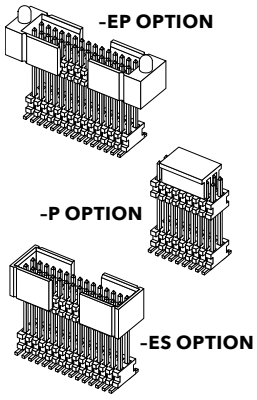
PROCESSING

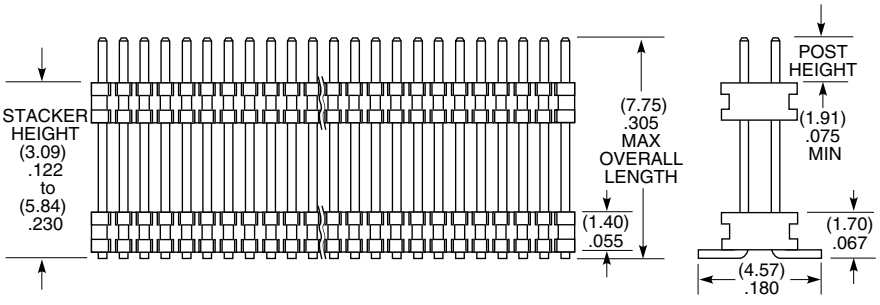
Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
(0.10 mm) .004" max (05-40)
(0.15 mm) .006" max (41-90)*
*(.004" stencil solution may be available; contact ipg@samtec.com)

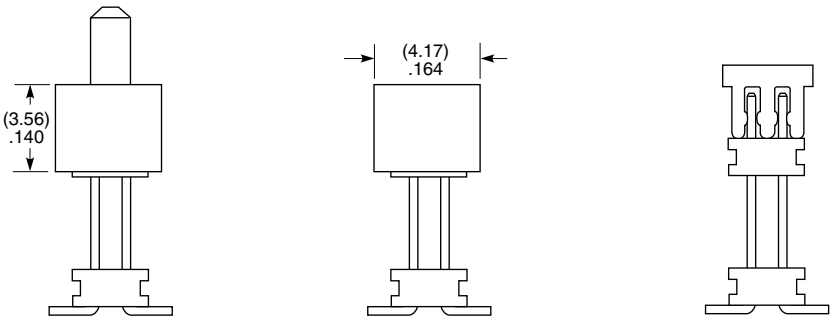
AW	-	NO. PINS PER ROW	-	03	-	PLATING OPTION	-	D	-	STACKER HEIGHT	-	POST HEIGHT	-	OTHER OPTION
		05 thru 90				–G = 10 µ" (0.25 µm) Gold				–"XXX" = Stacker Height (in inches) (3.09 mm) .122" to (5.84 mm) .230" Example: –175 = (4.45 mm) .175"		–"XXX" = Post Height (in inches) (1.91 mm) .075" minimum Example: –075 = (1.91 mm) .075"		–ES = End Shroud 11 pins/row min. (–075 Post Height only) –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.) –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.