



(0,80mm) .0315"

AW SERIES

AW-40-03-G-D-230-075

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

AW-50-03-G-D-130-175

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" (1,27µm) Ni

Current Rating:

.75A @ 80°C ambient

Operating Temp Range:

-55°C to +125°C

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes

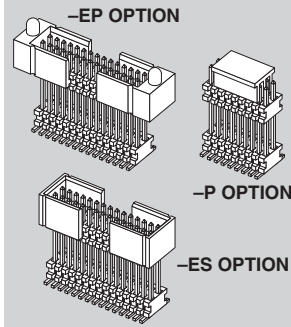
SMT Lead Coplanarity:

(0,10mm) .004" max (05-40)

(0,15mm) .006" max (41-90)

Mates with:
CLE

OPTIONS



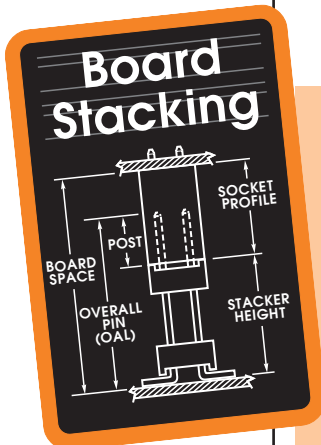
Choice of post heights and board space

Surface Mount

Ideal for high density skyscrapers

Optional End Shrouds for blind mating

(0,80mm) .0315" micro pitch



AW	NO. PINS PER ROW	03	PLATING OPTION	D	STACKER HEIGHT	POST HEIGHT	OPTION
	05 thru 90		-G = 10µ" (0,25µm) Gold		- "XXX" = Stacker Height (in inches) (3,09) .122 to (5,84) .230 Example: -175 = (4,45mm) .175"	- "XXX" = Post Height (in inches) (1,91) .075 minimum Example: -075 = (1,91mm) .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) .160 to (5,84) .230 Metal or plastic at Samtec discretion. -P = Pick & Place Pad (8 positions min.) -TR = Tape & Reel (84 positions max.)

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.

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