



(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)

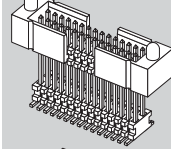
(0,15 mm) .006" max (41-90)



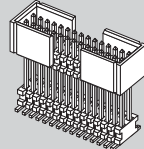
Mates with:
CLE

OPTIONS

-EP OPTION



-P OPTION



-ES OPTION

Choice of post heights
and board space

Ideal for
high density
skyscrapers

Surface
Mount

Optional
End Shrouds
for blind
mating

(0,80 mm) .0315"
micro pitch

AW	NO. PINS PER ROW	03	PLATING OPTION	D	STACKER HEIGHT	POST HEIGHT	OPTION
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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"

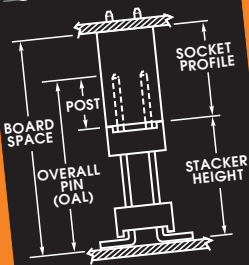
-ES
= End Shroud
11 pins/row min.
(-075 Post
Height only)
-EP
= End Shroud
with Guide Post
(-075 Post
Height only)
11 pins/row min.

-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.)

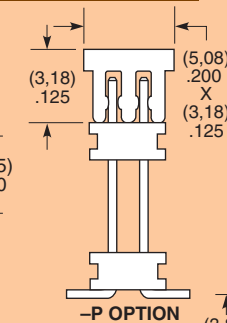
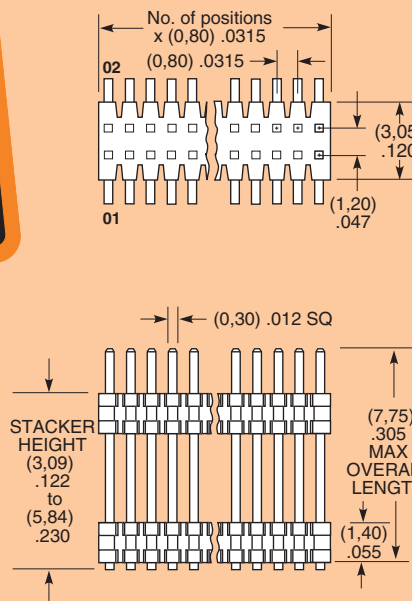
-TR
= Tape & Reel
(84 positions max.)

Board Stacking

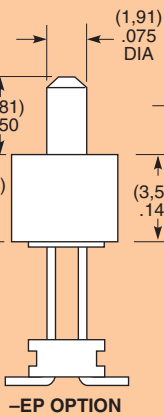


Note: For added mechanical stability, Samtec recommends mechanical board spacers be used in applications with gold or selective gold plated connectors. Contact ipg@samtec.com for more information.

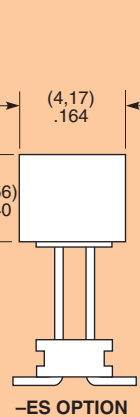
Note: Some lengths, styles and options are non-standard, non-returnable.



-P OPTION



-EP OPTION



-ES OPTION

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

WWW.SAMTEC.COM

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