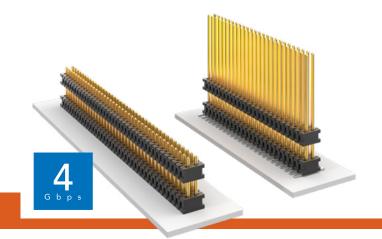


MICRO BOARD STACKER

(1.27 mm) .050" PITCH • FW SERIES



FW Board Mates:

CLP, FLE

Cable Mates: **FFSD**

SPECIFICATIONS

Insulator Material: Black Liquid Crystal Polymer **Terminal Material:**

Phosphor Bronze Plating: Sn or Au over 50 μ" (1.27 μm) Ni

Operating Temp Range: °C to +125 °

PROCESSING

Lead-Free Solderable:

Yes SMT Lead Coplanarity: (0.10 mm) .004" max (02-30) (0.15 mm) .006" max (31-50)* *(.004" stencil solution may be available; contact IPG@samtec.com)

FW LEAD STYLE

FW-XX-03-X-X-233-065

FW-XX-03-X-X-303-065



02 thru 50

STYLE

Specify LEAD

STYLE

from

chart



Gold flash

on post, Matte Tin

on tail

= 10 µ" (0.25 µm)

Gold

on post, Matte Tin

on tail

-G



HEIGHT

-"XXX" = Stacker Height (in inches)

Example: -250 (6.35 mm) .250"

-"XXX" = Post

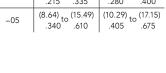
Height (in inches)

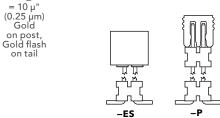
HEIGHT

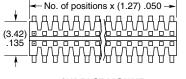
(1.65 mm) .065" minimum

Example: -065 = (1.65 mm) .065"

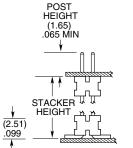
LEAD STYLE STACKER HEIGHT STACKER + POST (5.46) to (8.51) (7.11) to (10.16) -03 .215 .335 .280 .400 (8.64) to (15.49) (10.29) _{to} (17.15) -05 .610 .405 .675 .340

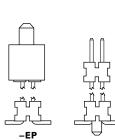






SURFACE MOUNT





-ES

OPTION

End Shroud (-075 post height only. Mate only with CLP) (5.46 mm) .215" to (15.49 mm) .610" stacker height only 9 pins/row min.

= End Shroud with Guide Post (-075 post height only. Mate only with CLP.) (5.46 mm) .215" to (15.49 mm) .610" stacker height only 9 pins/row min.

-A

= Alignment Pin (3 positions min.) (5.46 mm) .215" to (15.75 mm) .620" stacker height only (SMT only)

= Pick & Place Pad (5 positions min.) (SMT only)

-TR

= Tape & Reel (Max overall height = Post+Stacker Height+Pad+ Alignment Pin = (17.78) .700") (SMT only)

-FR

= Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (SMT only)

*Processing conditions will affect mated height.

MATED HEIGHT

MATED

HEIGHT*

8.13 mm)

.329"

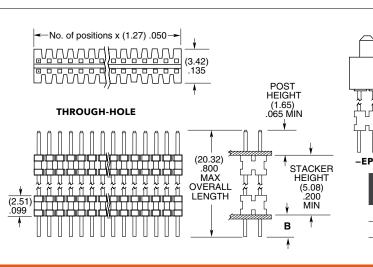
9.91 mm)

ALSO AVAILABLE

Smaller stack heights (MOQ Required)

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.

This Series is non-standard, non-returnable.



-ES

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec:

FW-03-01-L-D-280-065