







(1.27 mm) .050"

FW-SM SERIES

MT MICRO BOARD STACKER

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?FW-SM

Insulator Material:

Black Liquid Crystal Polymer Terminal Material: Phosphor Bronze Plating:

Sn or Au over 50 μ" (1.27 μm) Ni Operating Temp Range: -55 °C to +125 °C RoHS Compliant:

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)

RECOGNITIONS

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



ALSO AVAILABLE (MOQ Required)

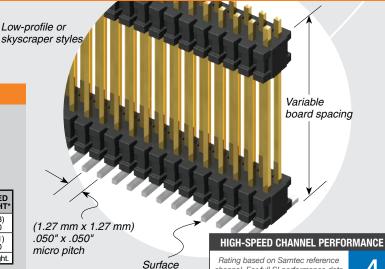
· Smaller stack heights

Board Mates:

Cable Mates:

APPLICATIONS HEIGHT

LEAD STYLE	
CLP	HEIGHT*
-02	(8.13) .320
	(9.91) .390
*Processing conditions will affect mated height.	
	-02







LEAD

STYLE





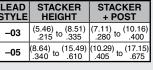
PLATING

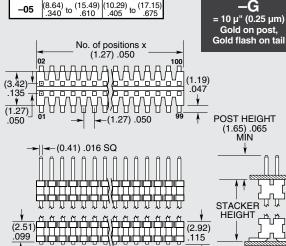
OPTION

= 10 µ" (0.25 µm)

Gold on post,

Matte Tin on tail





·"XXX" = Stacker Height (in inches)

STACKER

HEIGHT

mount

Example: **-250** (6.35 mm) .250

(4.76)

(4.27) .168

(3.05)

.120

.188

IJIJ

-ES

IJIJ

-EP

= Post Height (in inches) (1.65 mm)

.065" minimum Example:

-ES ·"XXX"

channel. For full SI performance data

visit Samtec.com or contact SIG@samtec.com

POST

HEIGHT

= (1.65 mm)

.065

(3.45)

.136

(5.08)

.200

П

(0.86)

.034

(0.76)

.030

(0.89)

DIA

(1.91) .075

(4.06)

.160

= 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.

OPTION

EP

= 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.

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

= Pick & Place Pad (5 positions min.)

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

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.

WWW.SAMTEC.COM