

FLEX STACK

(1.27 mm) .050"

ZML-105-03-G-D

ZML-120-04-G-D

ZML-132-54-L-D-650-SM

ZML SERIES

SHROUDED ELEVATED STACKER

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?ZML

Insulator Material:

Black LCP

Terminal Material:

Phosphor Bronze

Plating:

Au or Sn over

50 μ " (1.27 μ m) Ni

Operating Temp Range:

-55 °C to +105 °C with Tin;

-55 °C to +125 °C with Gold

RoHS Compliant:

Yes

PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.10 mm) .004" max (05-20)

(0.15 mm) .006" max (32)*

*(.004" stencil solution

may be available; contact

IPG@samtec.com)

RECOGNITIONS

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

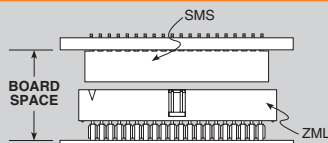


ALSO AVAILABLE (MOQ Required)

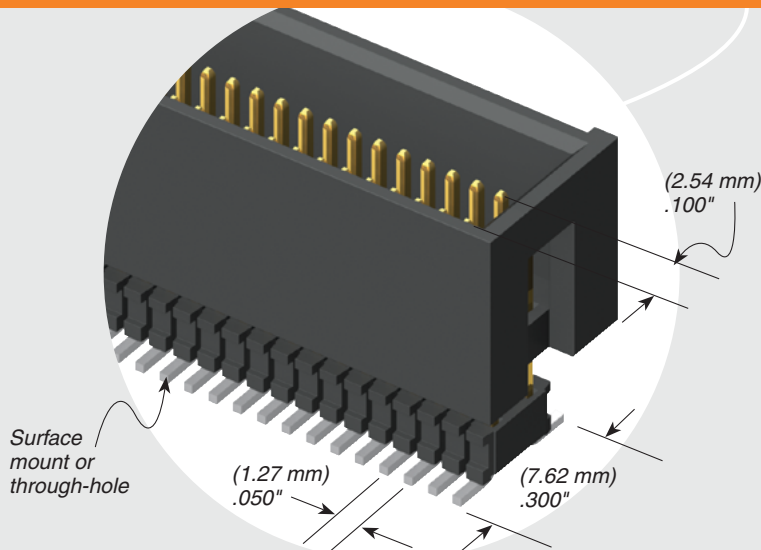
- Other sizes
- Other platings

Mates with:
SMS, RSM

APPLICATIONS



APPLICATIONS	BOARD SPACE
ZML Style -01 mated with SMS	(13.72) .540
ZML Style -02 mated with SMS	(15.11) .595
ZML Style -03 mated with SMS	(17.53) .690
ZML Style -04 mated with SMS	(20.57) .810



ZML - 1 NO. PINS PER ROW - LEAD STYLE - PLATING OPTION - D - BODY HEIGHT - TAIL STYLE

05, 08,
10, 20, 32
(Standard sizes)

Specify
LEAD
STYLE
from
chart

-L
= 10 μ "
(0.25 μ m)
Gold on post,
Matte Tin
on tail

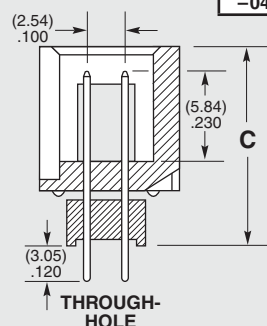
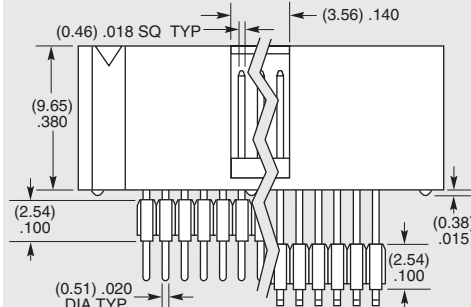
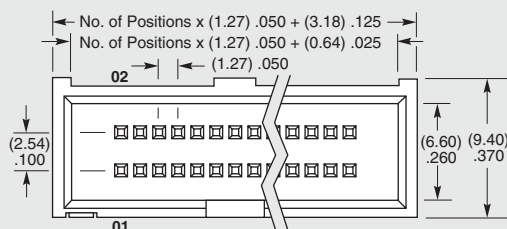
-G
= 10 μ "
(0.25 μ m)
Gold on post,
Gold flash
on tail

(Leave blank for
Through-hole)

- "XXX"
= -SM Body Height
(Specify board space "B"
in inches from lead
style charts.)

(Leave
blank for
Through-
hole)

-SM
= Surface
Mount



THROUGH-HOLE		
LEAD STYLE	BODY HEIGHT (C)	
-01	(12.83) .505	
-02	(14.22) .560	
-03	(16.64) .655	
-04	(19.69) .775	

SURFACE MOUNT		
LEAD STYLE	POST HEIGHT (A)	BODY HEIGHT (B)
-53	(3.05) .120	(13.46) .530 to (20.19) .795
-54	(5.84) .230	(13.46) .530 to (17.40) .685

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.

This Series is non-standard, non-returnable.

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

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications. Components must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.