

(1,27mm) .050"

ZML SERIES



**FLEX
STACK**

ZML-125-53-G-D-795-SM

ZML-125-04-G-D

ZML-110-03-G-D

ZML-113-54-G-D-650-SM

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 50μ"
(1.27μm) Ni

Current Rating:
1A

Operating Temp Range:
-55°C to +105°C with Tin;
-55°C to +125°C with Gold

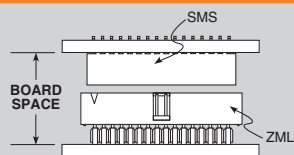
RoHS Compliant:
Yes

Processing:
Lead-Free Solderable:
Yes

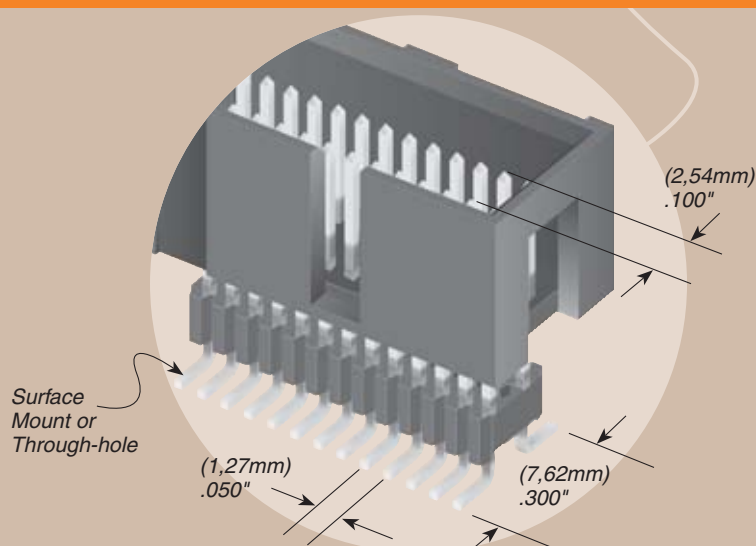
SMT Lead Coplanarity:
(0,10mm) .004" max (05-20)
(0,15mm) .006" max (25-40)

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** **LEAD** **PLATING** **D** **BODY** **TAIL**
PER ROW **STYLE** **OPTION** **HEIGHT** **STYLE**

**05, 08, 10,
13, 17, 20, 25,
30, 32, 36, 40**
(call Samtec for other sizes)

**Specify
LEAD
STYLE
from
chart**

—L
= 10μ"
(0,25μm)
Gold on post,
Matte Tin
on tail

—G
= 10μ"
(0,25μm)
Gold on post,
Gold flash
on tail

(Leave blank for Through-hole)

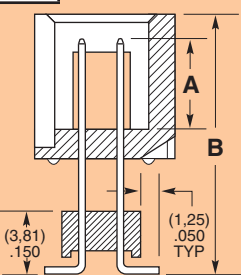
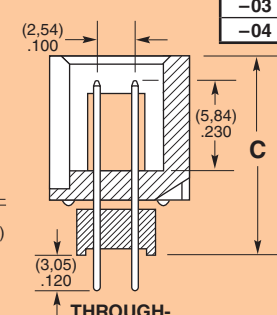
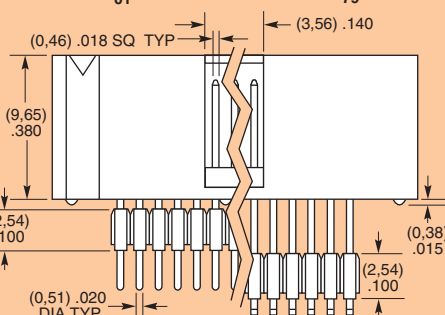
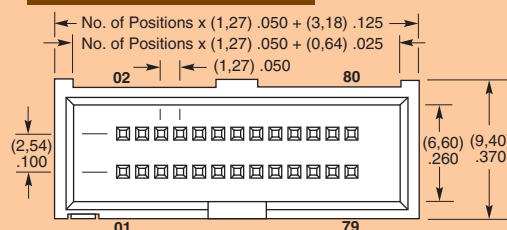
– “XXX”
= –SM Body Height
(Specify board space “B”
in inches from lead
style charts.)

(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



Note: Other Gold plating options available.
Contact Samtec.

Note: This Series is non-standard, non-returnable.

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

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