

(1,27mm) .050"

ZML SERIES



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:

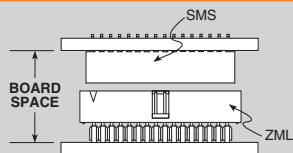
(0,10mm) .004" max (05-20)

(0,15mm) .006" max (25-40)



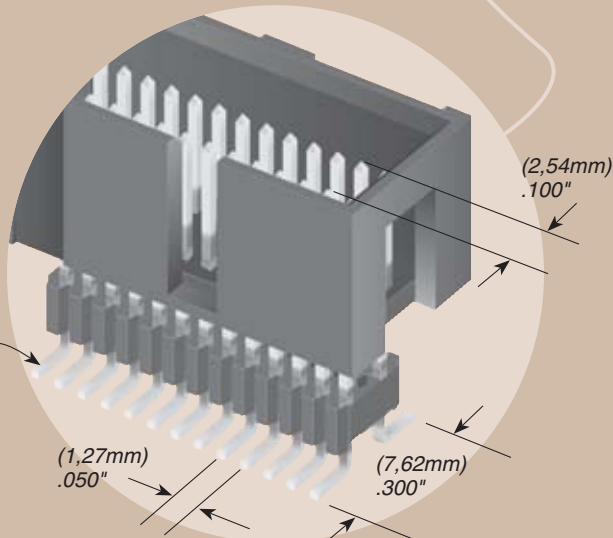
Mates with:
SMS, RSM

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

Surface Mount or Through-hole



ZML

1

NO. PINS PER ROW

LEAD STYLE

PLATING OPTION

D

BODY HEIGHT

TAIL STYLE

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

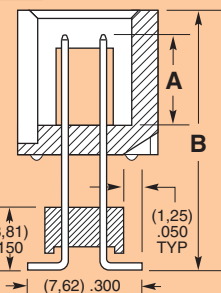
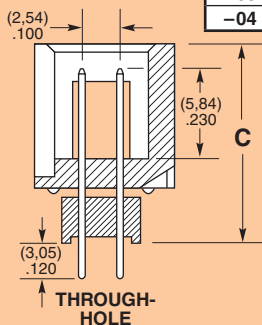
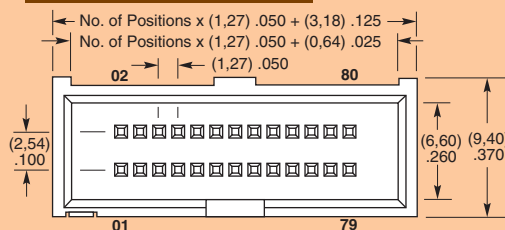
Specify
LEAD
STYLE
from
chart

—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



LEAD STYLE	BODY HEIGHT (C)
—01	(12,83) .505
—02	(14,22) .560
—03	(16,64) .655
—04	(19,69) .775

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.

WWW.SAMTEC.COM

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 SAMTEC SILICON VALLEY • Tel: 408-395-5900 SAMTEC SOUTHERN CALIFORNIA • Tel: 1-800-726-8329
 SAMTEC AMERICA LATINA COMERCIO EXTERIOR LTDA • Tel: (+55 31) 3786 3227 SAMTEC UNITED KINGDOM • Tel: 44 01236 739292 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0
 SAMTEC FRANCE • Tel: 33 01 60 95 06 60 SAMTEC ITALY • Tel: 39 039 6890337 SAMTEC NORDIC/BALTIC • Tel: +46-84477280 SAMTEC BENELUX • Tel: 44 01236 739292 SAMTEC ISRAEL • Tel: 972-3-7526600
 SAMTEC INDIA • Tel: +91-80-3272 1612 SAMTEC ASIA PACIFIC • Tel: 65 6745-5955 SAMTEC JAPAN • Tel: 045-475-1385 SAMTEC CHINA • Tel: 86-21-61103766 SAMTEC TAIWAN • Tel: 886-2-2735-6109
 SAMTEC HONG KONG • Tel: 852-26904858 SAMTEC KOREA • Tel: 82-31-717-5685 SAMTEC ANZ • Tel: 613 9512 7747 SAMTEC SOUTH AFRICA • Tel: 27 11 452 8112