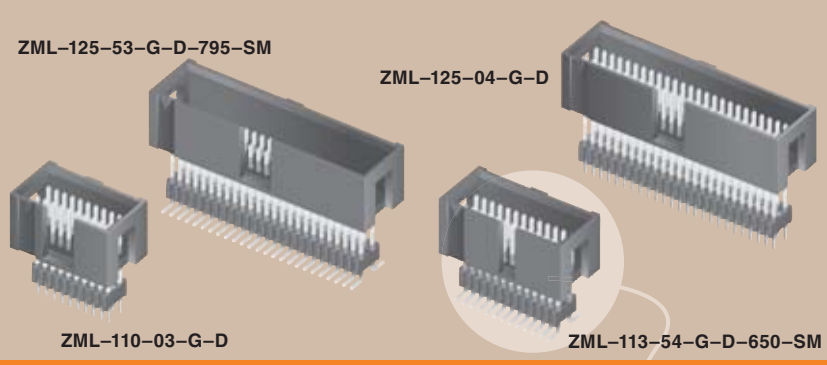
samtec

FLEX STACK

(1,27mm) .050"

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 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:

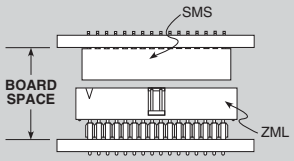
Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
(0,10mm) .004" max (05-20)
(0,15mm) .006" max (25-40)

Note: Other Gold plating options available. Contact Samtec.

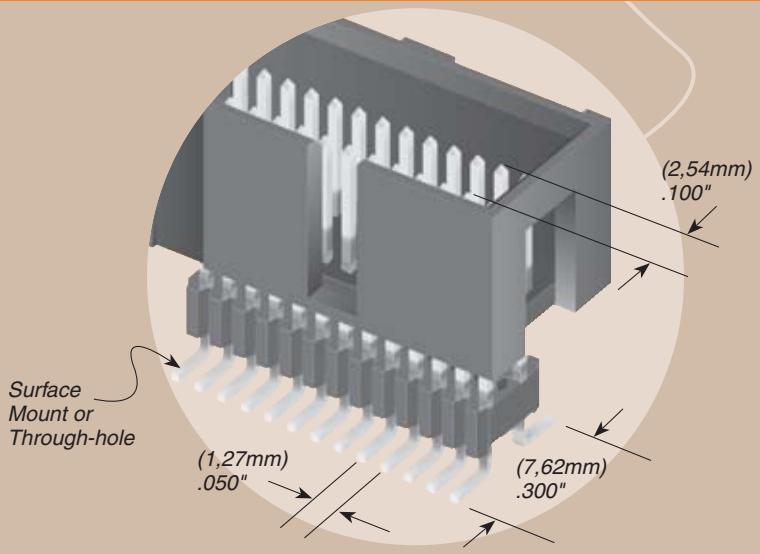
Note: This Series is non-standard, non-returnable.

Mates with:
SMS, RSM

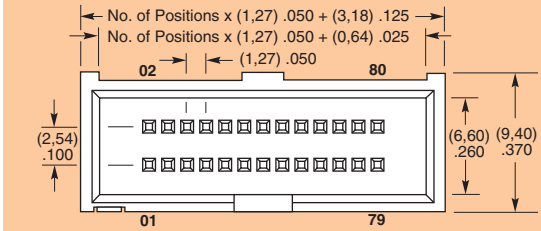
APPLICATIONS

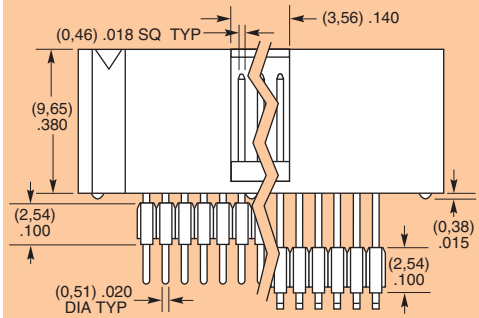


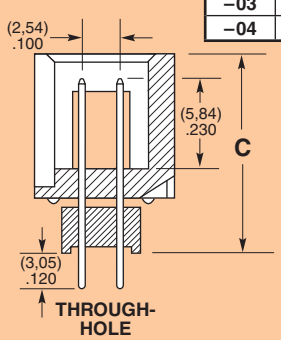
APPLICATIONS	BOARD SPACE
ZML Style -01 mated with SMS	(13,72) .540
ZML Style -02 mated with SMS	(15,11) .595
ZML Style -03 mated with SMS	(17,53) .690
ZML Style -04 mated with SMS	(20,57) .810

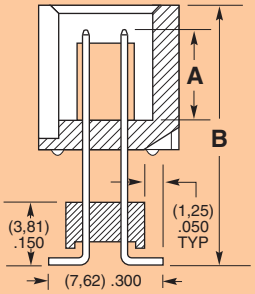


ZML	– 1	NO. PINS PER ROW	–	LEAD STYLE	–	PLATING OPTION	– D –	BODY HEIGHT	–	TAIL STYLE
		05, 08, 10, 13, 17, 20, 25, 30, 32, 36, 40 (Call Samtec for other sizes)		Specify LEAD STYLE from chart		–L = 10µ" (0,25µm) Gold on post, Matte Tin on tail –G = 10µ" (0,25µm) Gold on post, Gold flash on tail		(Leave 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

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

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