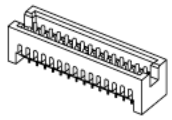
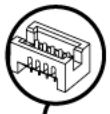
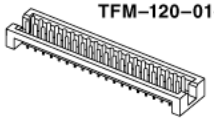
samtec



TFM–115–31–S–D



TFM–105–31–S–D



TFM–120–01–S–D

RoHS Compliant
Pb LEAD
www.samtec.com/lead-free

Through T/H Hole

.050" x .050" HEADERS TFM SERIES

SPECIFICATIONS

For complete specifications see www.samtec.com?TFM

Insulator Material:
Black Liquid Crystal Polymer

FILE NO. E111594

Terminal Material:
Phosphor Bronze

Plating:
Au over 50µ" (1,27µm) Ni

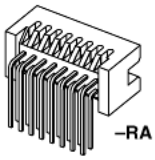
Current Rating:
2A @ 80°C ambient

Voltage Rating:
350 VAC mated with SFM

Operating Temp Range:
-55°C to +125°C

Mates with:
SFM

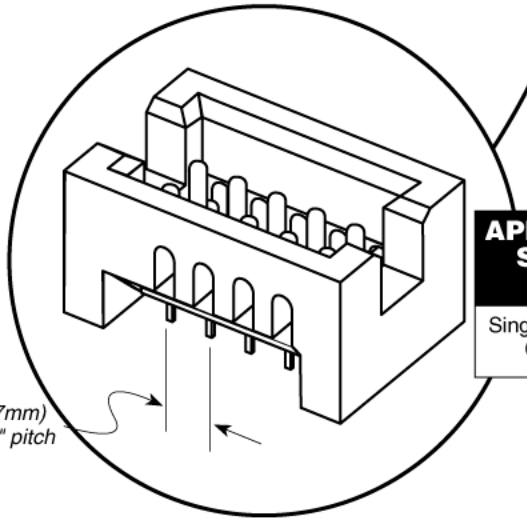
OPTIONS



–RA OPTION

APPLICATIONS

LEAD STYLE TFM	LEAD STYLE SFM	MATED HEIGHT
– 01	– 01	(5,97) .235
– 11		(7,75) .305
– 21		(9,53) .375
– 31		(11,43) .450



APPLICATION SPECIFIC OPTION

Single row available. Call Samtec.

Note: Some sizes, styles and options are non-standard, non-returnable.

TFM	–	1	NO. PINS PER ROW	–	LEAD STYLE	–	PLATING OPTION	–	D	–	OTHER OPTION
			05, 10, 15, 20, 25, 30, 35, 40, 45, 50 (Call Samtec for other sizes)		Specify LEAD STYLE from chart		–S or –SM = 30µ" (0,76µm) Gold on post, Tin (–S) or Matte Tin (–SM) on tail				–RA = Right Angle (Style –01 only) –A = Alignment Pin (N/A with –RA or –LC) –LC = Locking Clip (N/A with –RA or –A)

Processing:

Max Processing Temp:
230°C for 60 seconds, or 260°C for 20 seconds 3x with Matte Sn plating

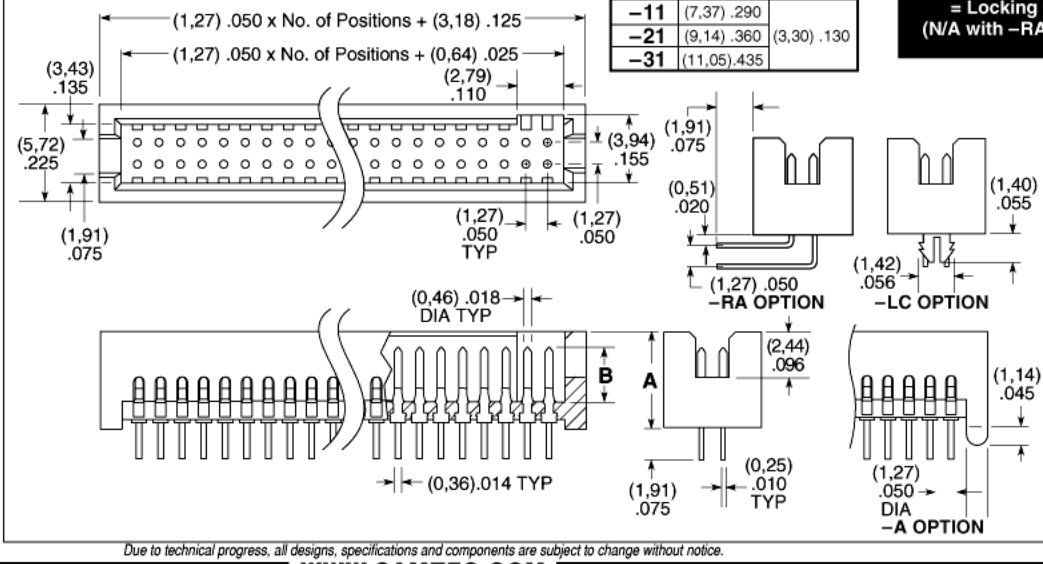
Lead-Free Solderable:
Yes, with Matte Sn

SMT COMPATIBLE THROUGH-HOLE

SUDDEN SPECS!

www.samtec.com

LEAD STYLE	A	B
–01	(5,59) .220	(3,38) .133
–11	(7,37) .290	(3,30) .130
–21	(9,14) .360	
–31	(11,05).435	



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

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