



MODIFIED HEADER

MTMS, HMTMS SERIES

SPECIFICATIONS

For complete specifications see www.samtec.com?MTMS or www.samtec.com?HMTMS

Insulator Material:

Black Liquid Crystal Polymer

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

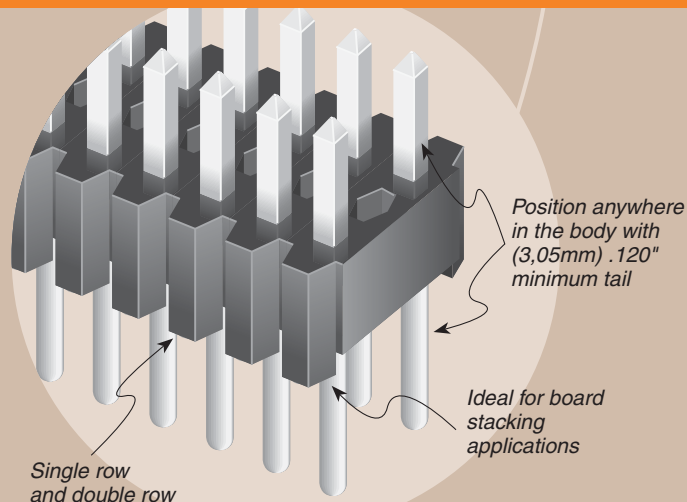
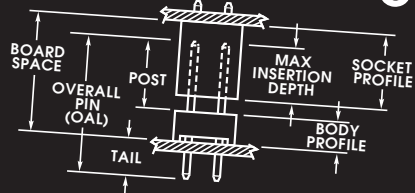
RoHS Compliant:

Yes



Mates with:
SMS, SLM, RSM

Board Stacking



Note: Other Gold plating options available. Contact Samtec.

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

Processing:

Max Processing Temp:

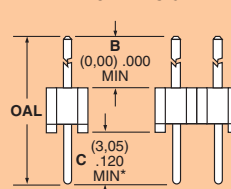
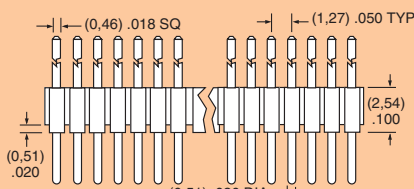
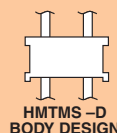
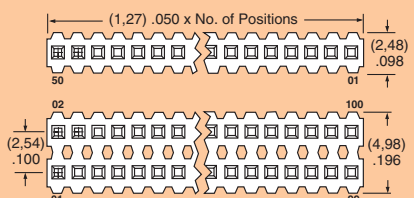
230°C for 60 seconds, or

260°C for 20 seconds 3x

Lead-Free Solderable:

Yes

TYPE STRIP	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	POST HEIGHT	OPTION
		01 thru 50	Specify LEAD STYLE from chart	-G = 10µ" (0,25µm) Gold on post, Gold flash on tail -S = 30µ" (0,76µm) Gold on post, Matte Tin on tail	-S = Single Row -D = Double Row	-"XXX" = "B" Dimension (Specify Post Height in inches (0,13mm) .005" increments)	-"XXX" = Polarized Position (Specify position of omitted pin)



Tail DIA is .020" (0,51mm) for min .120" (3,05mm).
Balance of tail is .018" (0,46mm) SQ.

LEAD STYLE	OAL	B (Maximum when C = .120 (3,05))
-01	(11,43) .450	(5,84) .230
-02	(8,13) .320	(2,54) .100
-25*	(8,38) .330	(3,18) .125
-51	(10,41) .410	(4,83) .190
-52	(10,80) .425	(5,21) .205
-53	(12,83) .505	(7,24) .285
-54	(14,10) .555	(8,51) .335
-55	(15,49) .610	(9,91) .390
-56	(15,88) .625	(10,29) .405
-57	(16,51) .650	(10,92) .430
-58	(17,91) .705	(12,32) .485
-59	(19,18) .755	(13,59) .535
-60	(20,96) .825	(15,37) .605

*Style -25 tail C=.105 (2,67) min is available.



www.samtec.com

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

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SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 • Fax: 812-948-5047
 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0 • Fax: +49 (0) 89 / 89460-299
 SAMTEC NORDIC/BALTIC • Tel: +46-84477280 • Fax: +46-87420413
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 SAMTEC INDIA • Tel: +91-80-3272 1612 • Fax: +91-80-4152 8187
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 SAMTEC ANZ • Tel: 613 9512 7747 • Fax: 613 9512 7745