

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

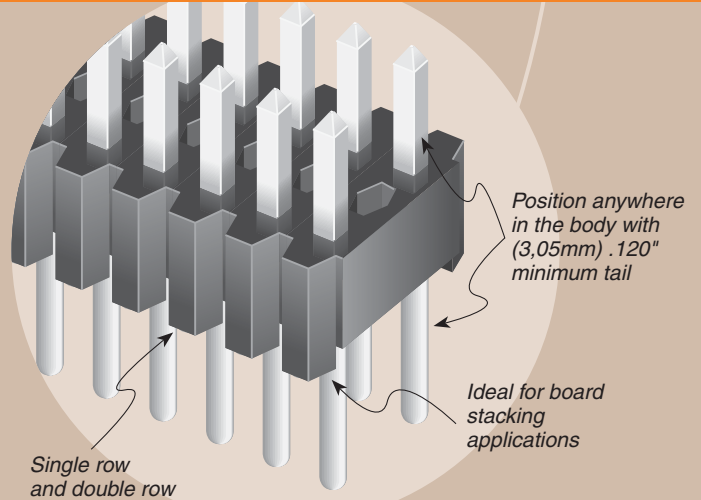
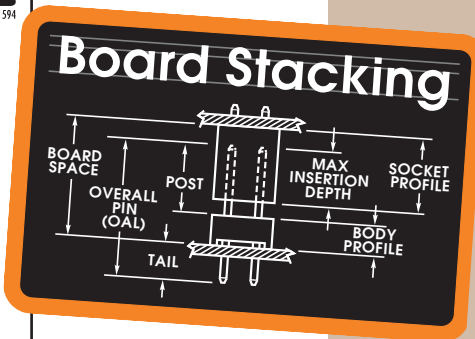
-55°C to + 125°C with Gold

RoHS Compliant:

Yes



Mates with:
SMS, SLM, RSM



Note: Other Gold plating options available. Contact Samtec.

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

Processing:

Max Processing Temp:

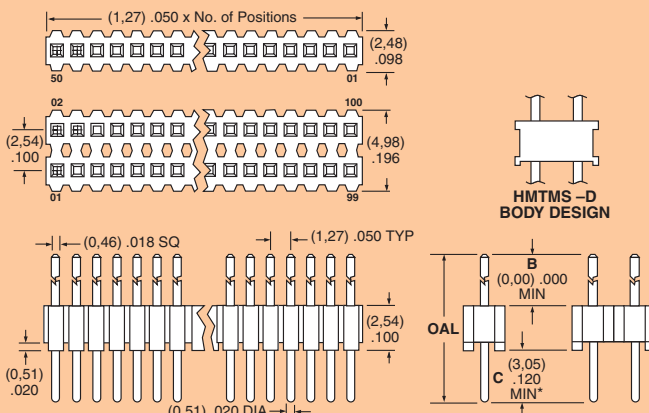
230°C for 60 seconds, or

260°C for 20 seconds 3x

Lead-Free Solderable:

Yes

TYPE STRIP	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	POST HEIGHT	OPTION
1	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)
	MTMS = Modified Standard HMTMS = Modified High Temp					



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.

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

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

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