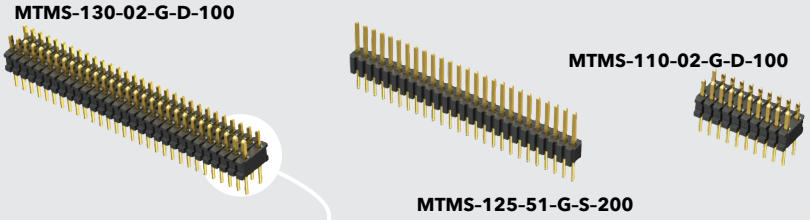
samtec

FLEX STACK



(1.27 mm) .050"

MTMS, HMTMS SERIES

MODIFIED MICRO TERMINAL

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
50 µ" (1.27 µm) Ni
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

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality

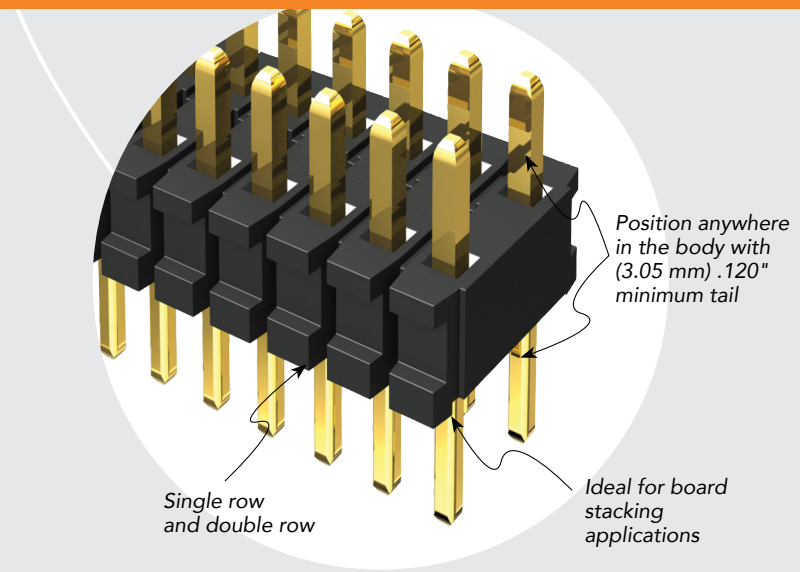
FILE NO. E111594

ALSO AVAILABLE

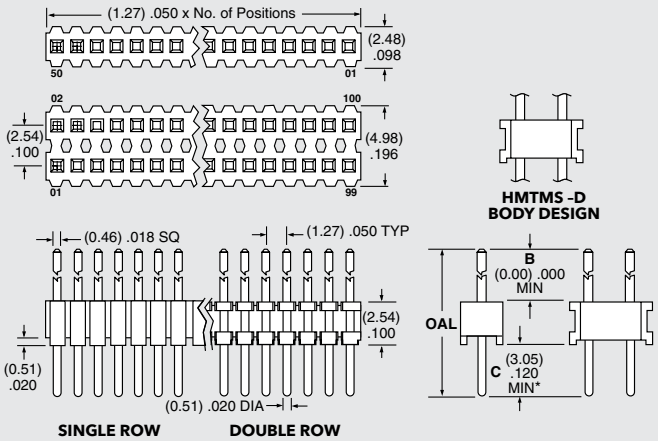
Contact Samtec

- Other platings

Mates with:
SMS, SLM, RSM



TYPE STRIP	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	POST HEIGHT	OPTION
MTMS = Modified Standard HMTMS = Modified High Temp		01 thru 50	Specify LEAD STYLE from chart	-L = 10 µ" (0.25 µm) Gold on post, Matte Tin on tail -G = 10 µ" (0.25 µm) Gold on post, Gold flash on tail	-S = Single Row -D = Double Row	-"XXX" = "B" Dimension (Specify Post Height in inches (0.13 mm) .005" increments)	-"XXX" = Polarized Position (Specify position of omitted pin)



Tail DIA is .020" (0.51 mm) for min .120" (3.05 mm).
Balance of tail is .018" (0.46 mm) SQ.

LEAD STYLE	OAL	B (Maximum when C = (3.05 mm) .120")
-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 = (1.02 mm) .040" min is available.

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

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.