# THROUGH-HOLE MICRO HEADER

(1.27 mm) .050" PITCH • TMS/HTMS SERIES



Mates:

SMS, SLM, RSM

#### **SPECIFICATIONS**

Insulator Material: Black Liquid Crystal Polymer Terminal Material: Phosphor Bronze
Plating:
Au or Sn over
50 μ" (1.27 μm) Ni
Current Rating (TMS/SMS):
5 Δ per pin 5 A per pin (2 pins powered)

Operating Temp Range:
-55 °C to +105 °C with Tin;
-55 °C to +125 °C with Gold

#### **PROCESSING**

Lead-Free Solderable:



**TMS** 

= Standard

**HTMS** 

= High Temp



**PER ROW** 

01 thru 50

**STYLE** 

Specify LEAD

**STYLE** 

from

chart

= 10 µ" (0.25 µm) Gold on post, Matte Tin on tail

**PLATING** 

OPTION

-G = 10 µ" (0.25 µm) Gold on post, Gold flash on tail

**ROW OPTION** 

-S

= Single

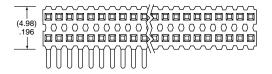
Row -D = Double Row

-RA = Rightangle

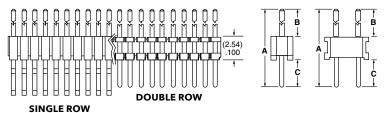
OPTION

-"XXX" = Polarized Position (Specify position of omitted pin)

(1.27) .050 x No. of Positions	+
	(2.48)



T/H LEAD STYLE	A	В	С
-01	(11.43) .450	(5.84) .230	(2.05), 4.00
-02	(8.13) .320	(2.54) .100	(3.05) .120
-21	(12.83) .505	(5.84) .230	(4.45) .175
-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	(2.05), 4.00
-56	(15.88) .625	(10.29) .405	(3.05) .120
-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	



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HTMS -D				
BODY DESIGN				

ALSO .	AVAIL	ABLE
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Other Plating (MOQ Required)

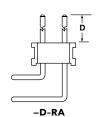
#### **Important Note:** Style -02 does not mate with SMS Series.

### Note:

Some lengths, styles and options are non-standard, non-returnable.

RA LEAD STYLE	D
-01	(5.84) .230
-02	(2.54) .100
_03	(3.18) 125





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## Samtec:

TMS-104-03-S-S-RA