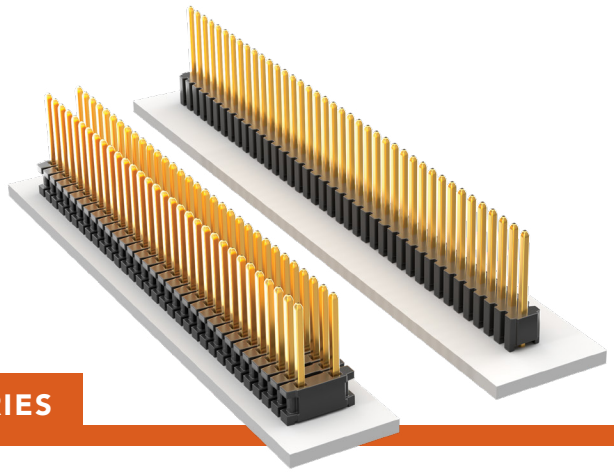
THROUGH-HOLE MICRO HEADER

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



TMS/HTMS
Mates:
SMS, SLM, RSM

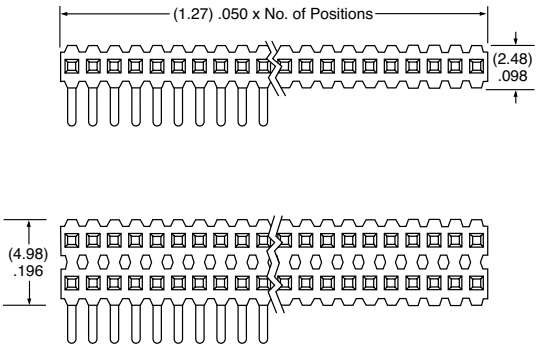
SERIES	–	1	NO. PINS PER ROW	–	LEAD STYLE	–	PLATING OPTION	–	ROW OPTION	–	OPTION
TMS = Standard **HTMS** = High Temp			01 thru 50		Specify LEAD STYLE from chart		**–F** = Gold flash on contact, Matte Tin on tail **–L** = 10 µ" (0.25 µm) Gold on post, Matte Tin on tail **–G** = 10 µ" (0.25 µm) Gold on post, Gold flash on tail		**–S** = Single Row **–D** = Double Row		**–RA** = Right-angle **–"XXX"** = Polarized Position (Specify position of omitted pin)

SPECIFICATIONS

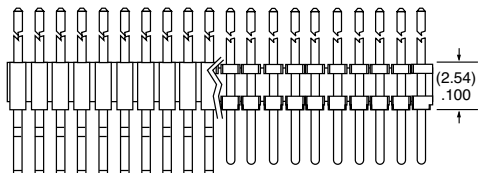
Insulator Material:
Black Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze
Plating:
Au or Sn over
50 µ" (1.27 µm) Ni
Current Rating (TMS/SMS):
5 A per pin
(2 pins powered)
Voltage Rating:
300 VAC/424 VDC
Operating Temp Range:
-55 °C to +105 °C with Tin;
-55 °C to +125 °C with Gold

PROCESSING

Lead–Free Solderable:
Yes

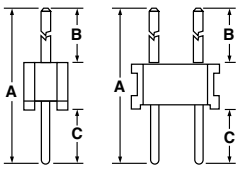


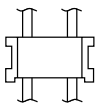
T/H LEAD STYLE	A	B	C
–01	(11.43) .450	(5.84) .230	(3.05) .120
–02	(8.13) .320	(2.54) .100	
–21	(12.83) .505	(5.84) .230	(4.45) .175
–51	(10.41) .410	(4.83) .190	(3.05) .120
–52	(10.80) .425	(5.21) .205	
–53	(12.83) .505	(7.24) .285	
–54	(14.10) .555	(8.51) .335	
–55	(15.49) .610	(9.91) .390	
–56	(15.88) .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	



SINGLE ROW

DOUBLE ROW



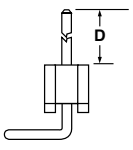


HTMS –D BODY DESIGN

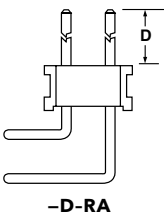
ALSO AVAILABLE
Contact Samtec

Other Plating

RA LEAD STYLE	D
–01	(5.84) .230
–02	(2.54) .100
–03	(3.18) .125



–S-RA



–D-RA

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

Note:
Some lengths, styles and options are 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.