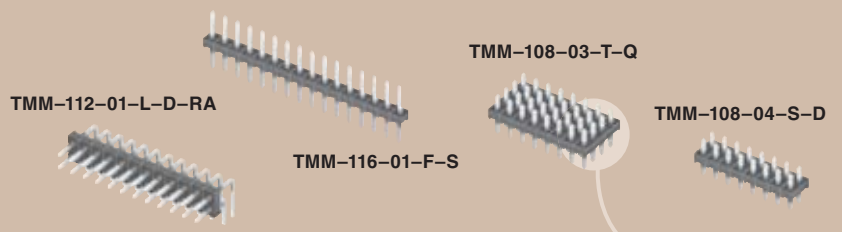
samtec

FLEX Y Z ™

(2,00 mm) .0787"

TMM SERIES



LOW PROFILE THROUGH-HOLE HEADER

SPECIFICATIONS

For complete specifications see www.samtec.com?TMM

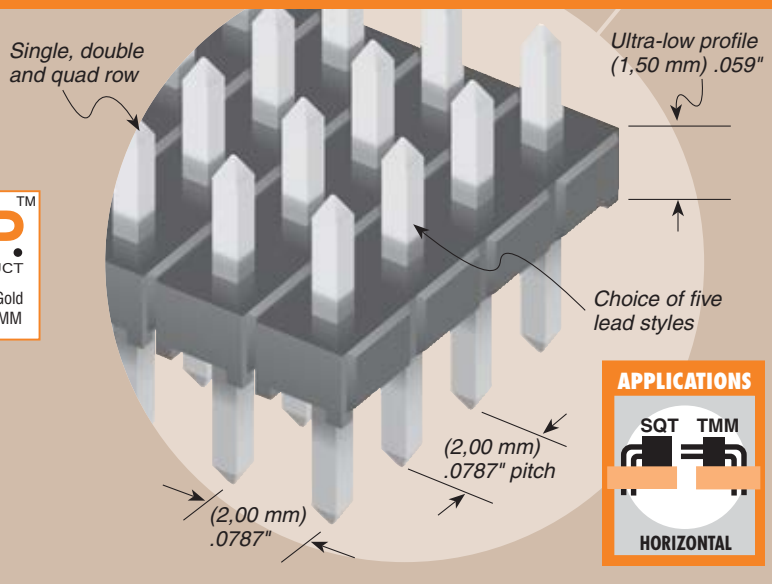
Insulator Material: Black Liquid Crystal Polymer
Terminal Material: Phosphor Bronze
Plating: Sn or Au over 50µ" (1,27 µm) Ni
Operating Temp Range: -55°C to +105°C with Tin; -55°C to +125°C with Gold
Voltage Rating: 500 VAC mated with SQW 450 VAC mated with SQT
RoHS Compliant: Yes
Lead–Free Solderable: Yes

CURRENT RATING (PER CONTACT)	
AMBIENT TEMP	Mated with SMM
20°C	3.9A
40°C	3.5A
60°C	3A
95°C	2A
6 POSITIONS (2x3) POWERED	

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

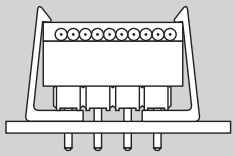
Mates with:
CLT, SQT, SQW, ESQT, TLE, SMM, MMS, TCSD, TLSD

E.L.P. ™
EXTENDED LIFE PRODUCT
10 year Mixed Flowing Gas with 30µ" Gold
1,000 cycles when mated with SMM



APPLICATIONS
SQT TMM
HORIZONTAL

APPLICATION


Retention Clip Option (–RC)

Also Available

Press Fit
See PTT Series.

Surface Mount
See TMM Series.

Elevated
See TW Series.

High Density
See TMMH Series.

Shrouded Four Row Vertical & Right Angle
See TMMS Series.

Paste In Hole (PIH) processing. Contact Samtec ASP Group for part customization.

TMM – 1 – NO. PINS PER ROW – LEAD STYLE – PLATING OPTION – ROW OPTION – OTHER OPTION

NO. PINS PER ROW: 01 thru 50

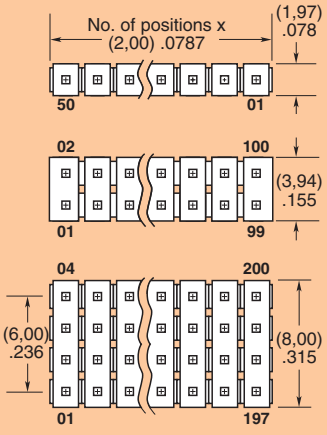
LEAD STYLE: Specify LEAD STYLE from chart below.

PLATING OPTION
–F = Gold flash on post, Matte Tin on tail
–L = 10µ" (0,25 µm) Gold on post, Matte Tin on tail
–S = 30µ" (0,76 µm) Gold on post, Matte Tin on tail
–T = Matte Tin

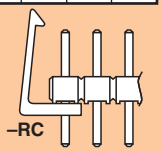
Note: Other Gold plating options available. Contact Samtec.

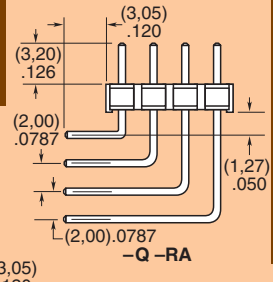
ROW OPTION
–S = Single Row
–D = Double Row
–Q = Four Row

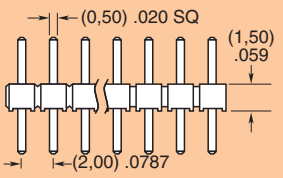
OTHER OPTION
–RA & –RE = Right Angle (Lead Style –01 only) (2 positions minimum, –Q row)
–RC = Retention Clip (Mates with TCSD) (Double row only, 4 positions minimum, only available –06 lead style)
–"XXX" = Polarized Position (Specify position of omitted pin)

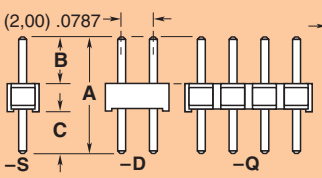


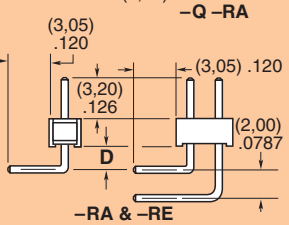
LEAD STYLE	A	B	C
–01	(8,20) .323	(3,20) .126	(3,50) .138
–02		(3,70) .146	(3,00) .118
–03		(4,00) .158	(2,70) .106
–04	(5,69) .224	(1,91) .075	(2,29) .090
–05	(5,43) .214	(1,65) .065	
–06	(9,58) .377	(3,20) .126	(4,88) .192


–RC









OPTION	D
–RA	(1,27) .050
–RE	(3,56) .140

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