



2mm LOW PROFILE TMM SERIES

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" (1.27µm) 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

CURRENT RATING

AMBIENT TEMP	Mated with	
	SQT	CLT
20°C	5.5A	3.7A
40°C	5A	3.3A
60°C	4A	2.9A
80°C	3A	2.4A

Processing:

Max Processing Temp:

230°C for 60 seconds, or

260°C for 20 seconds 3x

Lead-Free Solderable:

Yes

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.

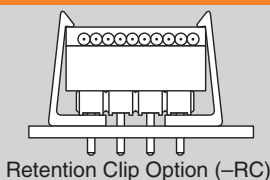
Paste In Hole (PIH) processing.

Contact Samtec ASP Group.

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



APPLICATION



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

Single, double and quad row

Ultra-low profile (1,50mm) .059"

Choice of five lead styles

APPLICATIONS



TMM

1

NO. PINS PER ROW

01 thru 50

LEAD STYLE

Specify LEAD STYLE from chart below.

LEAD STYLE	A	B	C
-01	(3,20) (8,20)	(3,50) .126	(3,00) .138
-02	.323	(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

PLATING OPTION

-L
= 10µ" (0,25µm)
Gold on contact area, Matte Tin on tail

-G
= 20µ" (0,51µm)
Gold on contact area, Gold flash on tail

-T
= Matte Tin

-S
= 30µ" (0,76µm)
Gold on contact area, Matte Tin on tail

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)

-S & -Q

-D

-S

-D

-Q

-RA & -RE

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.

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