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Jameco Part Number 2054141



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

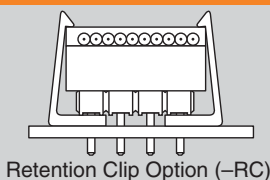
See TMMS Series.

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

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



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.

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)

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

-RC

-S

-D

-Q

-RA & -RE

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

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