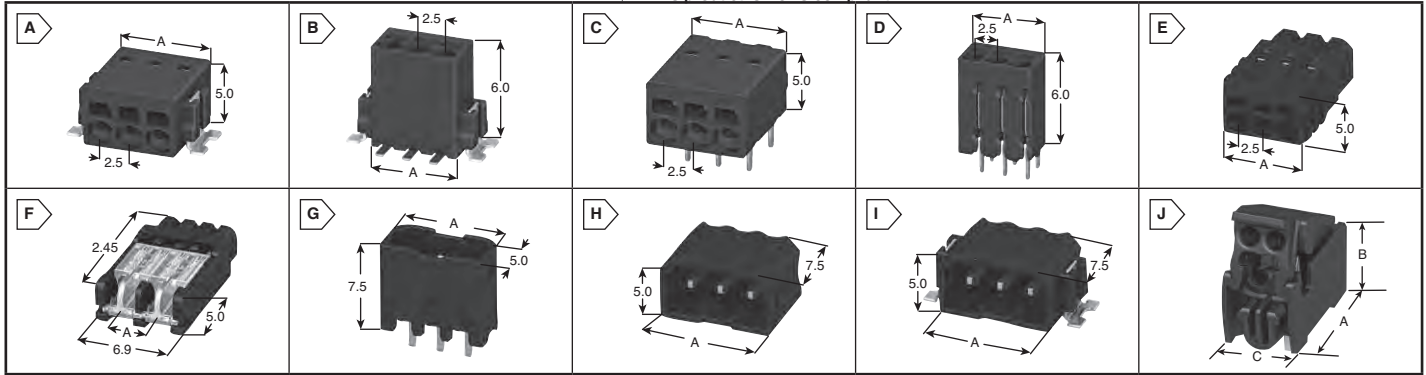


# PHOENIX CONTACT Fixed and Mini PCB Terminal Blocks



This product is RoHS compliant.



## 2.5MM LOW PROFILE SMT TERMINAL BLOCKS

- Features:**
- Designed to withstand the heat of the reflow process
  - Rugged anchors enable high mating cycles
  - Utilizes the "Pin-in-Paste" Mounting procedure
  - Flat Design; Only 5mm tall
  - Centerline: 2.5mm
  - Spring Cage Wire termination - No special tooling required
  - Full Tape and reel versions available upon request

- Technical Data:**
- Current: up to 6A
  - Voltage: up to 160V
  - Conductor cross-section: solid/stranded up to 0.75mm<sup>2</sup>
  - Pitch: 2.5mm
  - Height: 5mm

- Applications:**
- LED Lighting
  - Sensors/Actuators
  - Power supplies
  - Space and size critical applications



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Phoenix Type	Position	A Dim. (mm)	Price Each		
					1	10	50
<b>Horizontal SMT Mounting</b>							
651-1771033	A	PTSM 0,5/3-2,5-H SMD R44	3	8	.68	.62	.59
651-1771059	A	PTSM 0,5/5-2,5-H SMD R44	5	13	.90	.82	.78
651-1771062	A	PTSM 0,5/6-2,5-H SMD R44	6	15.5	1.03	.94	.90
651-1771075	A	PTSM 0,5/7-2,5-H SMD R44	7	18	1.08	.99	.94
651-1771088	A	PTSM 0,5/8-2,5-H SMD R44	8	20.5	1.21	1.11	1.05
<b>Vertical SMT Mounting</b>							
651-1771091	B	PTSM 0,5/2-2,5-V SMD R44	2	5.5	.62	.57	.54
651-1771101	B	PTSM 0,5/3-2,5-V SMD R44	3	8	.72	.66	.62
651-1771114	B	PTSM 0,5/4-2,5-V SMD R44	4	10.5	.83	.76	.73
651-1771127	B	PTSM 0,5/5-2,5-V SMD R44	5	13	.92	.85	.80
651-1771130	B	PTSM 0,5/6-2,5-V SMD R44	6	15.5	1.05	.97	.92
651-1771143	B	PTSM 0,5/7-2,5-V SMD R44	7	18	1.17	1.08	1.02
651-1771156	B	PTSM 0,5/8-2,5-V SMD R44	8	20.5	1.24	1.14	1.08

## 2.5MM LOW PROFILE TERMINAL BLOCKS FOR SOLDER REFLOW



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Phoenix Type	Position	A Dim. (mm)	Price Each		
					1	10	50
<b>Horizontal Pin-in-Paste</b>							
651-1770885	C	PTSM 0,5/2-2,5-H THR R24	2	5.5	.43	.39	.37
651-1770898	C	PTSM 0,5/3-2,5-H THR R32	3	8	.62	.57	.54
651-1770908	C	PTSM 0,5/4-2,5-H THR R32	4	10.5	.72	.66	.62
651-1770911	C	PTSM 0,5/5-2,5-H THR R32	5	13	.83	.76	.73
651-1770924	C	PTSM 0,5/6-2,5-H THR R32	6	15.5	1.03	.94	.90
651-1770937	C	PTSM 0,5/7-2,5-H THR R32	7	18	1.17	1.08	1.02
651-1770940	C	PTSM 0,5/8-2,5-H THR R32	8	20.5	1.37	1.26	1.19
<b>Vertical Pin-in-Paste</b>							
651-1770953	D	PTSM 0,5/2-2,5-V THR R44	2	5.5	.49	.45	.43
651-1770966	D	PTSM 0,5/3-2,5-V THR R44	3	8	.62	.57	.54
651-1770979	D	PTSM 0,5/4-2,5-V THR R44	4	10.5	.78	.72	.68
651-1770982	D	PTSM 0,5/5-2,5-V THR R44	5	13	.92	.85	.80
651-1770995	D	PTSM 0,5/6-2,5-V THR R44	6	15.5	1.08	.99	.94
651-1771004	D	PTSM 0,5/7-2,5-V THR R44	7	18	1.24	1.14	1.08
651-1771017	D	PTSM 0,5/8-2,5-V THR R44	8	20.5	1.43	1.32	1.25

## PLUGS

### Plug Connectors

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Phoenix Type	Position	A Dim. (mm)	Price Each		
					1	10	50
651-1778832	E	PTSM 0,5/2-P-2,5	2	6.1	.63	.60	.57
651-1778845	E	PTSM 0,5/3-P-2,5	3	8.6	.90	.85	.81
651-1778858	E	PTSM 0,5/4-P-2,5	4	11	1.12	1.03	.95
651-1778861	E	PTSM 0,5/5-P-2,5	5	13.6	1.37	1.31	1.24
651-1778874	E	PTSM 0,5/6-P-2,5	6	16.1	1.62	1.54	1.46
651-1778887	E	PTSM 0,5/7-P-2,5	7	18.6	1.90	1.81	1.72
651-1778890	E	PTSM 0,5/8-P-2,5	8	21.1	2.18	1.99	1.89

## PLUGS (CONT.)

### Ethernet Plug Connectors

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Phoenix Type	Position	A Dim. (mm)	Price Each		
					1	10	50
<b>0.2mm Conductor Cross-Section</b>							
651-1778845	F	PTSM 0,5/3-P-2,5	2	2.5	.90	.85	.81
651-1778858	F	PTSM 0,5/4-P-2,5	4	7.5	1.12	1.03	.95
651-1778861	F	PTSM 0,5/5-P-2,5	6	12.5	1.37	1.31	1.24
651-1778874	F	PTSM 0,5/6-P-2,5	8	17.5	1.62	1.54	1.46
<b>0.4mm Conductor Cross-Section</b>							
651-1780529	F	PTPM 0,4/2-P-2,5	2	2.5	.48	.46	.44
651-1780532	F	PTPM 0,4/4-P-2,5	4	7.5	.86	.82	.79
651-1780545	F	PTPM 0,4/6-P-2,5	6	12.5	1.62	1.54	1.46
651-1780558	F	PTPM 0,4/8-P-2,5	8	17.5	2.18	2.07	1.96

## HEADERS FOR PTPM AND PTSM PLUG CONNECTORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Phoenix Type	Position	A Dim. (mm)	Price Each		
					1	10	50
<b>Vertical Thru-Hole Mounting</b>							
651-1778557	G	PTSM 0,5/2-HV-2,5-THR R32	2	6.7	.50	.48	.45
651-1778560	G	PTSM 0,5/3-HV-2,5-THR R32	3	9.2	.63	.60	.57
651-1778573	G	PTSM 0,5/4-HV-2,5-THR R32	4	11.7	.72	.69	.64
651-1778586	G	PTSM 0,5/5-HV-2,5-THR R32	5	14.2	.87	.847	.774
651-1778599	G	PTSM 0,5/6-HV-2,5-THR R32	6	16.7	.97	.93	.86
651-1778609	G	PTSM 0,5/7-HV-2,5-THR R44	7	19.2	1.12	1.03	.95
651-1778612	G	PTSM 0,5/8-HV-2,5-THR R44	8	21.7	1.24	1.14	1.05
<b>Horizontal Thru-Hole Mounting</b>							
651-1778625	H	PTSM 0,5/2-HH-2,5-THR R16	2	6.7	.43	.40	.38
651-1778638	H	PTSM 0,5/3-HH-2,5-THR R32	3	9.2	.52	.48	.44
651-1778641	H	PTSM 0,5/4-HH-2,5-THR R32	4	11.7	.65	.62	.57
651-1778654	H	PTSM 0,5/5-HH-2,5-THR R32	5	14.2	.81	.77	.73
651-1778667	H	PTSM 0,5/6-HH-2,5-THR R32	6	16.7	.93	.89	.84
651-1778670	H	PTSM 0,5/7-HH-2,5-THR R44	7	19.2	1.09	1.03	.98
651-1778683	H	PTSM 0,5/8-HH-2,5-THR R44	8	21.7	1.24	1.17	1.12
<b>Horizontal SMD Mounting</b>							
651-1778764	I	PTSM 0,5/2-HH-2,5-SMD R32	2	6.7	.56	.53	.50
651-1778777	I	PTSM 0,5/3-HH-2,5-SMD R32	3	9.2	.72	.68	.65
651-1778780	I	PTSM 0,5/4-HH-2,5-SMD R32	4	11.7	.90	.82	.78
651-1778793	I	PTSM 0,5/5-HH-2,5-SMD R32	5	14.2	1.06	1.01	.96
651-1778803	I	PTSM 0,5/6-HH-2,5-SMD R44	6	16.7	1.22	1.16	1.10
651-1778816	I	PTSM 0,5/7-HH-2,5-SMD R44	7	19.2	1.37	1.31	1.24
651-1778829	I	PTSM 0,5/8-HH-2,5-SMD R44	8	21.7	1.53	1.45	1.38

## 2.5MM PTQ-THR MINI PCB TERMINAL BLOCK

### Features:

- Current: up to 4 A
- Voltage: up to 160 V
- Pitch: 2.5 mm
- Height: 8 mm
- Connection cross section: solid/stranded 0.14 - 0.34 mm<sup>2</sup> / AWG 26-22
- QUICKON IDC fast connection



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Phoenix Type	Pos.	Dimensions: mm			Price Each			
				A	B	C	1	10	50	100
651-1702610	J	PTQ 0,3/ 2-2,5 THR R32	2	17.55	7.00	8.00	.76	.69	.63	.59