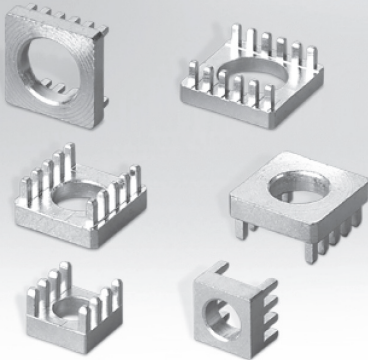


# WP-TGTR

## Two Part Power Elements

with Two Rows Pin-Plate, Ground Element



### Characteristics

- Drill hole diameter: 1.60 (-0.03) mm
- Final hole diameter for HAL surface: 1.45 (±0.05) mm
- Final hole diameter for chemical tin: 1.475 (±0.05) mm
- Min. layer thickness of copper in the via: 25 µm
- Max. layer thickness of tin in the via: 15 µm
- Installation of power tracks possible

### Advantages

- High current Board-to-Board connection
- Double secured against solving
- Very low height
- Flexible connection possibilities: threaded shank, threaded hole and through hole

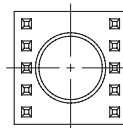
QR-Code



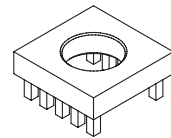
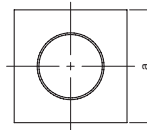
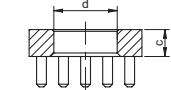
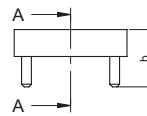
### Dimensions (mm)

Power Elements						
Order Code	Four corners a (mm)	b (mm)	c (mm)	d (mm)	Pins	Format Type
746 107 0	9	6.6	3.1	∅ 5.5	8	N
746 021 1	13			∅ 7.3	10	O
746 116 6	16			∅ 9.8	12	P
746 209 5	16			∅ 10.5	12	Q

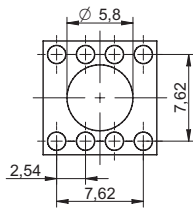
### Dimensions



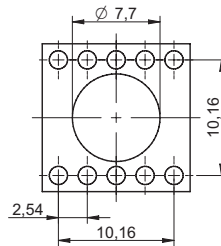
sectional drawing A-A



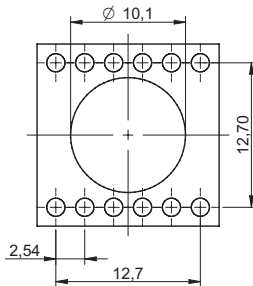
### Illustration of hole N



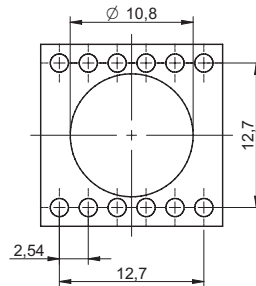
### Illustration of hole O



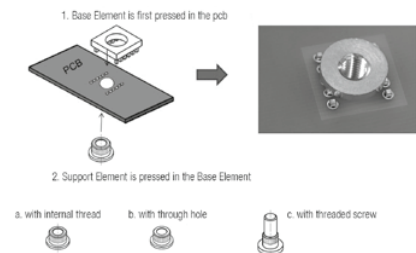
### Illustration of hole P



### Illustration of hole Q



Two Part Power Element consist of a Ground Element and Support Element. The Ground Element must be pressed to the board first.



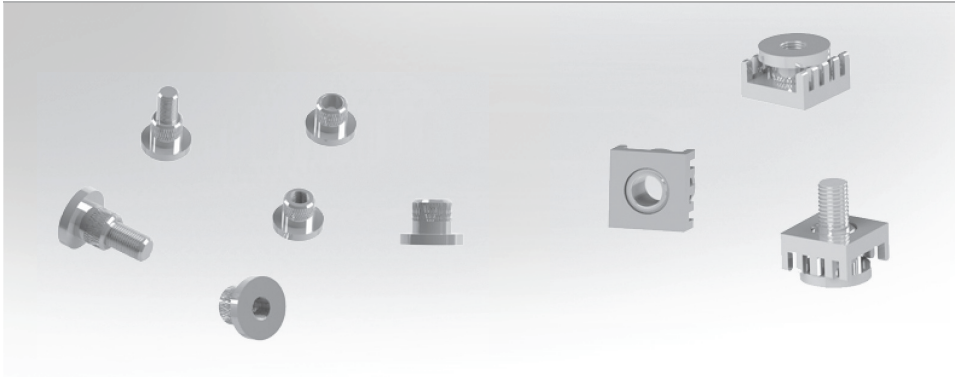
### Cross Link

Mates With: Page 158: 558 XXX X, Cable Lugs

# WP-TPSE

## Two Part Power Elements

with Support Element



### Advantages

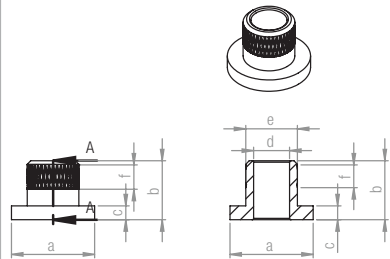
- Designed for Board-to-Board and IGBT connection
- Almost no torque transmitted on pcb
- Double secured against solving
- Very low height
- Flexible connection possibilities: threaded shank, threaded hole and through hole
- Connecting possibilities:  
Screw, nut and cable ring terminals
- Press Fit Technology

QR-Code



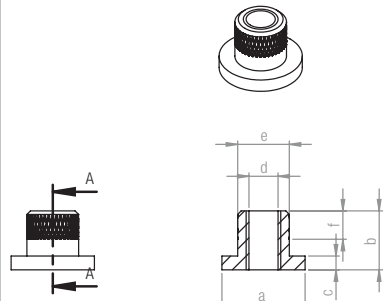
### Dimensions: Form A

Bush with internal thread



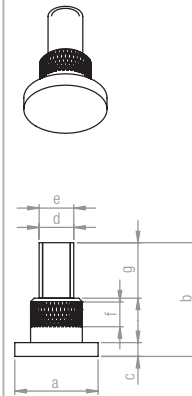
### Dimensions: Form B

Bush with internal hole



### Dimensions: Form C

with threaded shank



### Dimensions (mm)

Order Code	Four corners a	b (mm)	c (mm)	Power Elements			Type	to Ground Element	Form
				d	e (mm)	g (mm)			
746 107 3	∅ 8	8.4	2	M 3	∅ 5.65	–	Bush	746 107 0	A
746 111 8	∅ 8	13.4		M 3	∅ 5.65	5	Shank	746 107 0	C
746 111 9	∅ 8	8.4		∅ 3.2	∅ 5.65	–	Bush	746 107 0	B
746 112 0	∅ 8	8.4		M 4	∅ 5.65	–	Bush	746 107 0	A
746 112 1	∅ 8	14.4		M 4	∅ 5.65	6	Shank	746 107 0	C
746 112 2	∅ 8	8.4		∅ 4.2	∅ 5.65	–	Bush	746 107 0	B
746 112 3	∅ 12	8.4		M 5	∅ 7.45	–	Bush	746 021 1	A
746 112 4	∅ 12	16.4		M 5	∅ 7.45	8	Shank	746 021 1	C
746 108 2	∅ 12	8.4		∅ 5.2	∅ 7.45	–	Bush	746 021 1	B
746 112 6	∅ 12	8.4		M 6	∅ 7.45	–	Bush	746 021 1	A
746 112 7	∅ 12	18.4		M 6	∅ 7.45	10	Shank	746 021 1	C
746 107 4	∅ 12	8.4		∅ 6.2	∅ 7.45	–	Bush	746 021 1	B
746 112 8	∅ 15	8.4		M 8	∅ 9.95	–	Bush	746 116 6	A
746 107 5	∅ 15	21.4		M 8	∅ 9.95	13	Shank	746 116 6	C
746 112 9	∅ 15	8.4		∅ 8.2	∅ 9.95	–	Bush	746 116 6	B
746 209 6	∅ 15	8.4		M 8	∅ 10.65	–	Bush	746 209 5	A
746 209 7	∅ 15	21.4		M 8	∅ 10.65	13	Shank	746 209 5	C
746 209 8	∅ 15	8.4		∅ 8.2	∅ 10.65	–	Bush	746 209 5	B

### Cross Link

Mates With: Page 158: 558 XXX X, Cable Lugs