

# Accessories / Zubehör

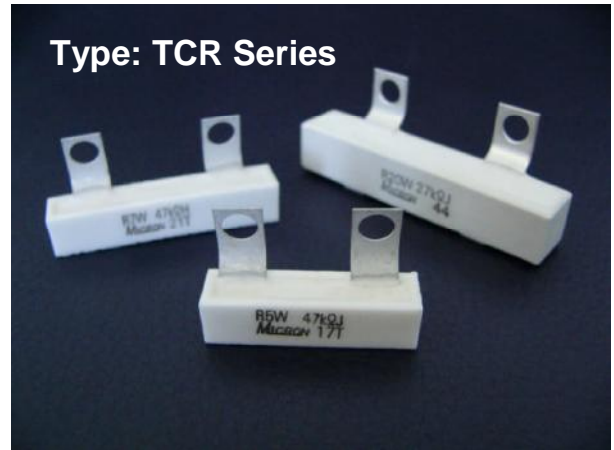
## ► Balancing Resistors / Symmetriewiderstände

TCR Series

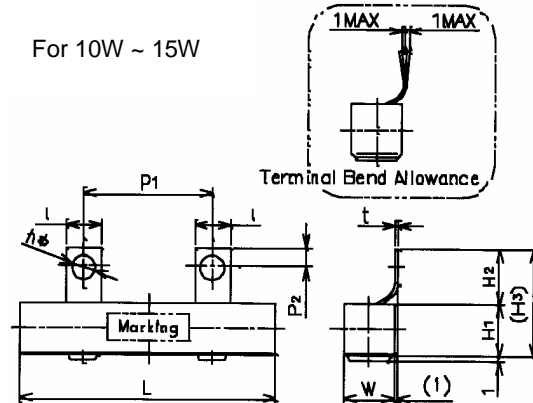
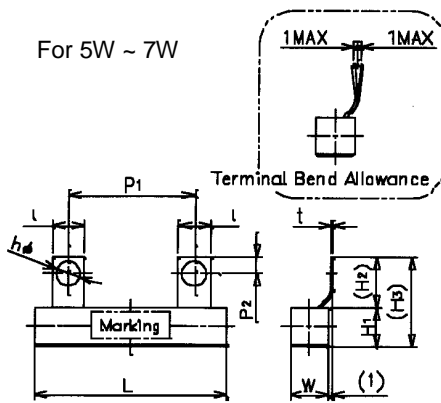
### ► Type, Rated Power, Resistance, Tolerance Type, Leistung, Widerstand, Toleranz

Rated Power	Nominal Resistance Range
5W	100Ω ~ 51kΩ
7W	200Ω ~ 100kΩ
10W	200Ω ~ 150kΩ
15W	510Ω ~ 200kΩ

Resistance Tolerance	
Code	Tolerance
H	± 3%
J	± 5%
K	± 10%



### ► Shape / Bauform



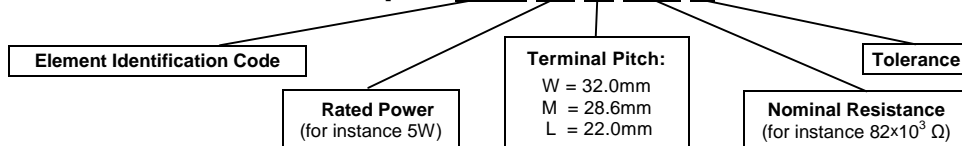
### ► Rated Power, Dimensions / Leistung, Abmessungen

(Unit : mm)

Rated Power	L	W	H1	H2	H3	P1	P2	l	t	hØ
5W	35 ± 1.5	9.5 ± 1	9.5 ± 1	(12.5)	22	22 ± 1	4	8	0.5	6
7W	48 ± 1.5	9.5 ± 1	9.5 ± 1	(12.5)	22	28.6 ± 1	4	8	0.5	6
7W	48 ± 1.5	9.5 ± 1	9.5 ± 1	(12.5)	22	32 ± 1	4	8	0.5	6
10W	48 ± 1.5	12.5 ± 1.2	12.5 ± 1.2	(12.5)	25	28.6 ± 1	4	8	0.5	6
10W	48 ± 1.5	12.5 ± 1.2	12.5 ± 1.2	(12.5)	25	32 ± 1	4	8	0.5	6
15W	48 ± 1.5	12.5 ± 1.2	12.5 ± 1.2	(12.5)	25	32 ± 1	4	8	0.5	6

### ► Product Code

Example: **TCR 05 M 823 H**



### Standard – Typen:

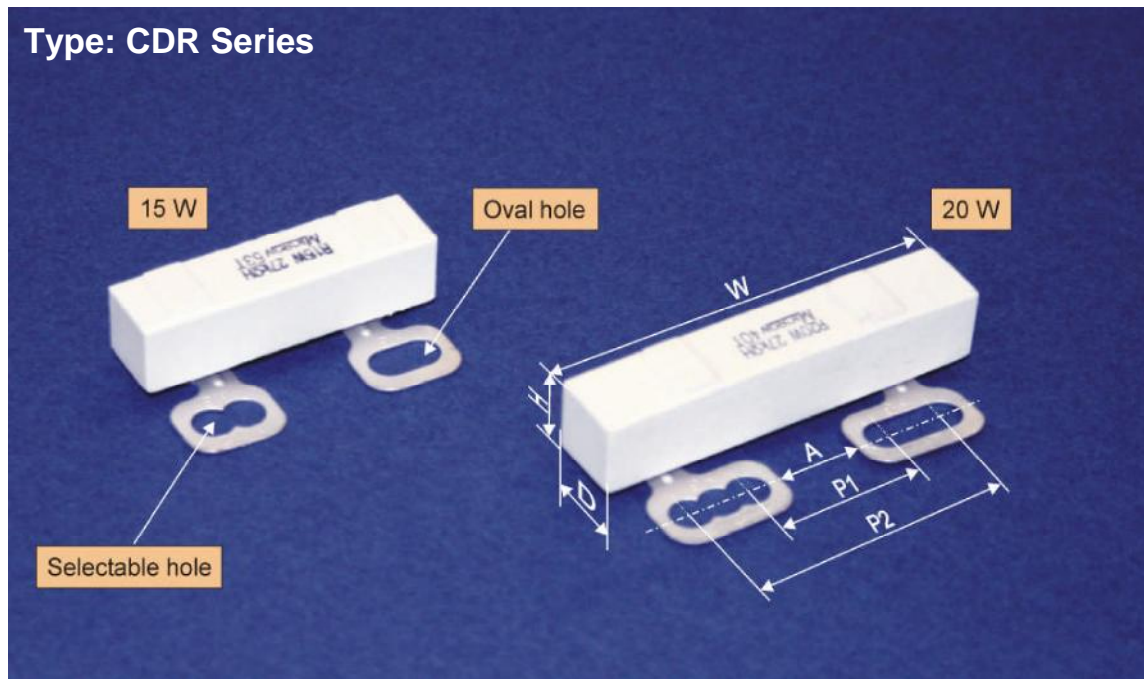
(Other values on request) (Andere Werte auf Anfrage)	TCR05L823H	TCR07L683H	TCR10M473H
	TCR05M823H	TCR10M683H	TCR10W473H
		TCR10W683H	

# Accessories / Zubehör

## ► Balancing Resistors / Symmetriewiderstände

CDR Series

- Type, Rated Power, Resistance, Tolerance  
Type, Leistung, Widerstand, Toleranz



TYPE	CDR15N	CDR15L	CDR20N	CDR20L
Capacitor terminal screw	M5	M6	M5	M6
Hole diameter (mm)	5.4±0.3	6.5±0.3	5.4±0.3	6.5±0.3
Pitch dimensions of capacitor (mm)	26.0±1 to 32.0±1		26.0±1 to 41.5±1	
Rated Power	15W (max. voltage 700V DC)		20W (max. voltage 750V DC)	
Resistance Range	510Ω ~ 200kΩ		510Ω ~ 240kΩ	
Tolerance	± 10% (K), ± 5% (J), ± 3% (H)			
Resistor Element	metal oxide film resistor			
H (mm)	16.5 (max. 19.0)			
W (mm)	48.0±1.5		63.5±1.5	
D (mm)	12.5±1.2			
A (mm) terminal gap	13.0±1.2			
P1 (mm) min. pitch	24.0±1.0			
P2 (mm) max. pitch	34.0±1.0		43.5±1.0	
t (Terminal thickness)	0.5mm			

## ► Product Code

Example: **CDR 20N 393 H**

