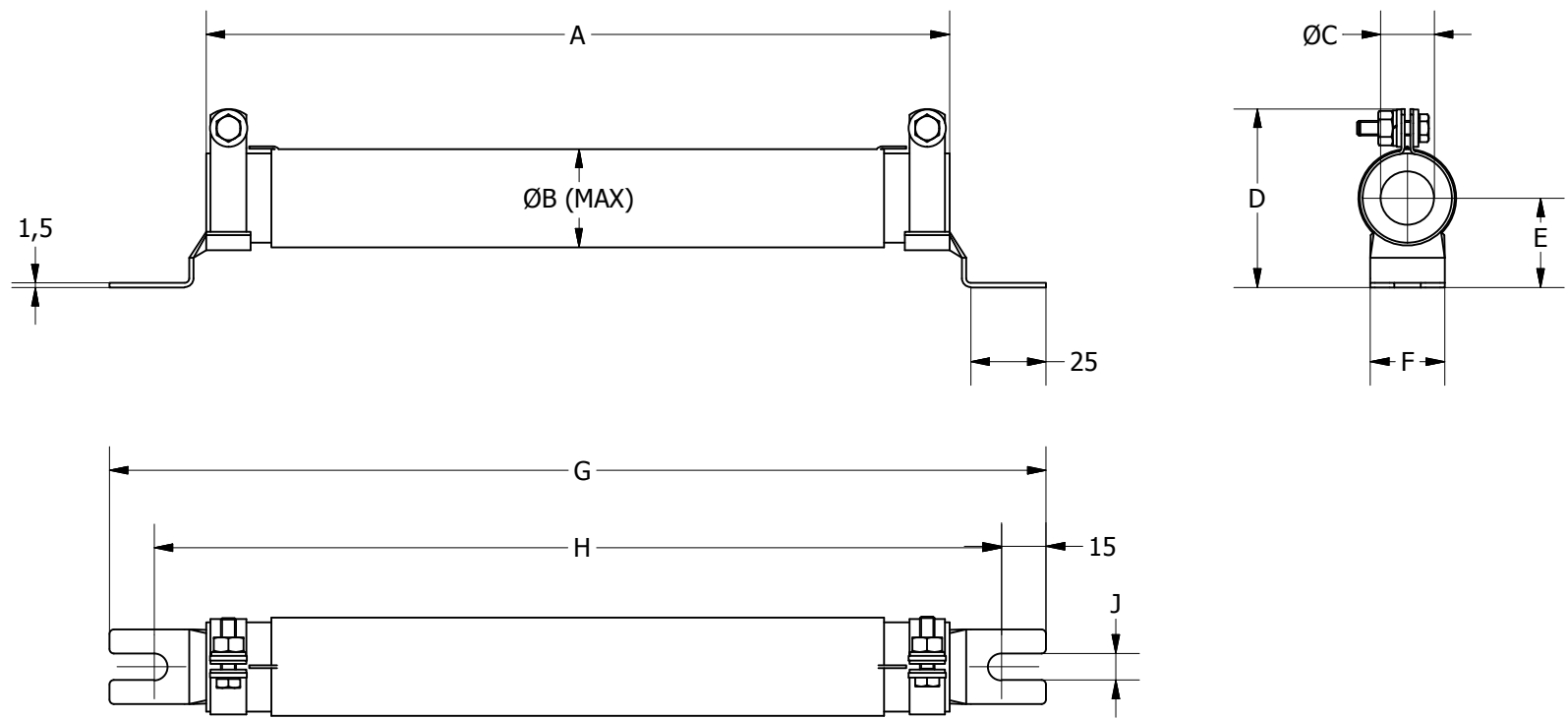


STANDARD ELECTRICAL SPECIFICATIONS				
MODEL	POWER RATING [W]	RESISTANCE RANGE [Ω]	TOLERANCE	U.lim [V]
RS 95 type TS	110	3 ÷ 75.000	± 5%	1.400
RS 168 type TS	180	3,9 ÷ 100.000	± 5%	1.900
RS 280 type TS	320	6,8 ÷ 180.000	± 5%	3.000

TECHNICAL SPECIFICATIONS		
PARAMETER	UNIT	RESISTOR CHARACTERISTICS
Temperature Coefficient	ppm / °C	60 ÷ 240
Operating Temperature Range	°C	-55 ÷ +450

TECHNICAL DESCRIPTION: Wire wound resistor coated with vitreous enamel.
 Core: Steatite ceramics.
 Wire: NiCr alloy.
 Collars: tightened.



General Tolerances ISO 2768-1 Linear Dimensions mm								
from	0,5	3	6	30	120	400	1000	2000
to	3	6	30	120	400	1000	2000	4000
f	±0.05	±0.05	±0.1	±0.15	±0.2	±0.3	±0.5	
m	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
c	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	±4
v	±0.5	±1	±1.5	±2.5	±4	±6	±8	

General Tolerances DIN 40680-1 (general dimension) mm							
Da	A	Tolleranza g	Tolleranza m	Da	A	Tolleranza g	Tolleranza m
	4	±0.4	±0.15	100	110	±5.0	±2.00
4	6	±0.6	±0.20	110	125	±5.5	±2.20
6	8	±0.7	±0.25	125	140	±6.0	±2.50
8	10	±0.8	±0.30	140	155	±6.5	±2.80
10	13	±0.9	±0.35	155	170	±7.0	±3.00
13	16	±1.0	±0.40	170	185	±7.5	±3.40
16	20	±1.2	±0.45	185	200	±8.0	±3.80
20	25	±1.2	±0.50	200	250	±9.0	±4.20
25	30	±1.5	±0.55	250	300	±10.0	±4.60
30	35	±2.0	±0.60	300	350	±11.0	±5.00
35	40	±2.0	±0.65	350	400	±12.0	±5.50
40	45	±2.0	±0.70	400	450	±13.0	±6.10
45	50	±2.5	±0.80	450	500	±14.0	±6.80
50	55	±2.5	±0.90	500	600	±15.0	±7.60
55	60	±2.5	±1.00	600	700	±16.0	±8.30
60	70	±3.0	±1.20	700	800	±17.5	±9.00
70	80	±3.5	±1.40	800	900	±19.0	±9.50
80	90	±4.0	±1.60	900	1000	±20.0	±10.00
90	100	±4.5	±1.80	1000		±0.02*d	±0.01*d

Unless where otherwise specified, dimensions in this drawing are expressed in mm
Applicable standard for ceramic parts
 Ceramic components for electrical use - tolerances according to DIN 40680-1 (general dimension) and DIN 40680-2 (shape) in particular: DIN 40680-1 (general dimension), DIN 40680-2-B-m (straightness), DIN 40680-2-C-m (flatness), DIN 40680-2-D-m (cylinder).
 Ceramic material must be made according to IEC 60672-3:1997

Dimensional table RS-HP type TS									
Resistor	A	ØB	ØC	D	E	F	G	H	J
RS 95 type TS	138 ± 2	28 MAX	15	50 ± 1,5	22,5 ± 1	24	197 ± 2	167 ± 2	6,5 ± 0,5
RS 168 type TS	168 ± 2	28 MAX	15	50 ± 1,5	22,5 ± 1	24	227 ± 2	197 ± 2	6,5 ± 0,5
RS 280 type TS	250 ± 2,5	33 MAX	18	60 ± 1,5	30 ± 1	25	315 ± 2	285 ± 2	9 ± 0,5

FAIRFIELD FAIRFIELD SRL
 VIA ECHING, 12 TREZZANO S/N (MI) 20090 ITALY
 TEL. +39 02 48407171 FAX +39 02 48407157
 www.fairfield.com - info@fairfield.com

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PROGETTO/PROJECT: RS-HP type TS

TITOLO/TITLE: RS-HP type TS Datasheet

DISEGNO NR./DRAWING NR.: DT.RS-HP type TS.DS CODICE ARTICOLI/ITEM CODE: RS-HP type TS MATERIALE/MATERIAL:

DISEGNATO/DRAWN: M. Di Pinto CONTROLLATO/CHECKED: A. Campagnoni DATA/DATE: 26/07/2018 FOGLIO/SHEET: 1 of 1 TOLLERANZA/TOLERANCE: Ceramic parts: g Linear dimensions: c

C:\Vault\PDF\RS-HP type TS\RS-HP type TS.dwg

REVISIONI/REVISIONS				
REV	DATA/DATE	DESCRIZIONE/DESCRIPTION	DISEGNATO/DRAWN	CONTROLLATO/CHECKED
00	26/07/2018		M. Di Pinto	A. Campagnoni

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