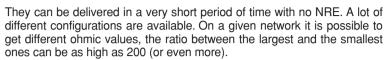


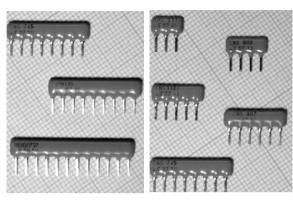
thin film semi custom precision resistor networks

- single in line

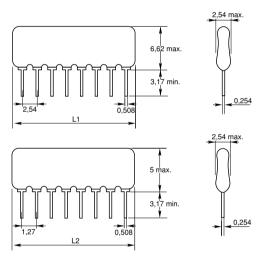


The main features of these networks are:

- SHORT DELIVERY TIME NO NRE
- HIGH VERSATILITY
- LOW TCR < ±15 ppm/°C
- EXCELLENT T.C.R. TRACKING < 2 ppm/°C
- LOW NOISE <-40 dB
- HIGH STABILITY



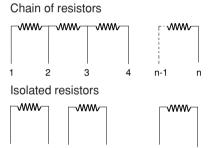
CNS



Pin count	3	4	5	6	7	8	9	10	11	12
L1 max.	8,14	10,68	13,23	15,78	18,32	20,87	23,40	25,95	28,5	31
L2 max.	5,5	6,8	8	9,3	10,6	11,9	13,2	14,4	15,7	17

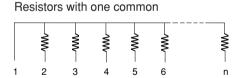
Dimensions in mm

ELECTRICAL DIAGRAM*









^{*}Please, contact SFERNICE for other configurations. We should have a solution to your problem.

SPECIFICATIONS

MECHANICAL

SUBSTRATE... alumina

RESISTIVE ELEMENT... passivated nichrome TERMINAL LEADS... Sn Pb on Cu alloy

ELECTRICAL

OHMIC VALUE RANGE... from 100 Ω to 30 $M\Omega$ ABSOLUTE TOLERANCE... ± 0,1 %

TOLERANCE RATIO... 0,05 %

0,02 % on request POWER DISSIPATION... 100 mW per resistor

at +70°C derated to zero at +155°C

VOLTAGE COEFFICIENT... < 0,002 ppm/V NOISE... <- 35 dB typical

CLIMATIC

OPERATING TEMPERATURE RANGE... -55°C +155°C

TEMPERATURE COEFFICIENT

	Standard	On request		
ABSOLUTE	± 15 ppm/°C max.	± 5 ppm/°C		
TRACKING	< 2 ppm/°C	< 1 ppm/°C		