

Thick film, resistor networks in 5, 6, 8, 9 or 10 pin, the 8 pin being available in either bussed or isolated configuration. Laser marked on a gold epoxy coating for permanent identification.

Power rating @ 70°C	200mW/element (bussed) 300mW/element (isolated)	Resistance T.C. tracking	±50ppm/°C
Resistance tolerance	±2%	Voltage rating	100V dc
Resistance T.C.	±100ppm/°C (±250ppm/°C for 10R to 50R)	Insulation resistance	10MΩ min
		Operating temperature	-55°C to +125°C

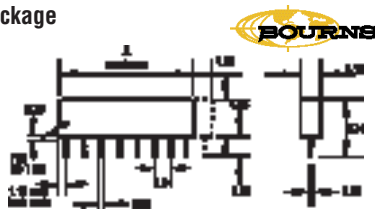
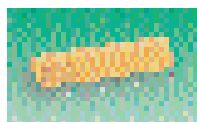
Stocked in the following OHMIC Values:

4605X-101	1K = 219-150 2K2 = 219-162	4K7 = 219-174 10K = 219-186	22K = 447-195 47K = 447-201	100K = 447-213	
4606X-101	100R = 107-039 150R = 476-328 220R = 107-040 470R = 107-041	680R = 476-330 1K = 107-042 1K5 = 476-341 2K2 = 107-043	3K3 = 476-353 4K7 = 107-044 10K = 107-045 22K = 107-046	47K = 107-047 100K = 107-048 220K = 107-049 470K = 107-050	1M = 107-051
4606X-102	100R = 476-365 1K = 447-225	2K2 = 447-237 4K7 = 447-249	10K = 447-250 100K = 476-377	1M = 476-389	
4608X-101	33R = 477-369 47R = 477-370 100R = 148-967	220R = 148-968 470R = 148-969 1K = 148-970	2K2 = 148-971 4K7 = 148-972 10K = 148-973	22K = 148-974 47K = 148-975 100K = 148-977	220K = 106-098 470K = 106-099 1M = 106-100
4608X-102	10R = 107-052 22R = 107-053 33R = 447-262 47R = 107-054 56R = 447-274 68R = 447-286	82R = 447-298 100R = 107-055 150R = 447-304 220R = 107-056 270R = 447-316 330R = 447-328	470R = 107-057 680R = 447-330 1K = 107-058 1K5 = 476-390 2K2 = 107-059 2K7 = 447-341	3K3 = 447-353 4K7 = 107-060 10K = 107-061 22K = 107-062 47K = 107-063 100K = 107-064	220K = 107-065 470K = 107-066 1M = 107-067
4609X-101	10R = 106-101 22R = 106-102 33R = 477-382 47R = 106-103 100R = 148-978 150R = 447-365	180R = 447-377 220R = 148-979 270R = 447-389 330R = 447-390 470R = 148-980 680R = 447-407	1K = 148-981 1K5 = 447-419 2K2 = 148-982 2K7 = 447-420 3K3 = 447-432 4K7 = 148-983	10K = 148-984 15K = 476-407 18K = 447-444 22K = 148-985 33K = 447-456 47K = 148-986	100K = 148-988 220K = 106-104 470K = 106-105 1M = 106-106
4610X-101	33R = 477-394 47R = 477-400 100R = 148-989 150R = 476-419	220R = 148-990 330R = 447-468 470R = 148-991 1K = 148-992	1K5 = 447-470 2K2 = 148-993 3K3 = 447-481 4K7 = 148-994	10K = 148-995 22K = 148-996 47K = 148-997 100K = 148-999	220K = 106-110 470K = 106-111 1M = 106-112
4610X-102	10R = 476-420 22R = 447-493 33R = 447-500	47R = 447-511 100R = 447-523 220R = 447-535	470R = 447-547 1K = 447-559 2K2 = 447-560	4K7 = 447-572 10K = 452-269	

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Order Multiple=5	Price Each					
Style	Order Code	5+	100+	500+	1000+	
4605X-101	All Values					
4606X-101	All Values					
4606X-102	All Values					
4608X-101	All Values					
4608X-102	All Values					
4609X-101	All Values					
4610X-101	All Values					
4610X-102	All Values					

Moulded Single In-Line Package



4308R-101
(7 resistors, 8 pins)
A max = 19.92



4308R-102
(4 resistors, 8 pins)
A max = 19.92



4309R-101
(8 resistors, 9 pins)
A max = 22.46



4310R-101
(9 resistors, 10 pins)
A max = 25.0

Low profile moulded thick film resistor networks in 8, 9 or 10 pin, the 8 pin being available in either bussed or isolated configuration. Compatible with automatic insertion equipment. Laser marked on a gold coating for permanent identification.

Power rating @ 70°C	200mW/element 4308R-102 300mW	Resistance T.C. tracking	±50ppm/°C
Resistance tolerance	±2%	Voltage rating	100V dc
Resistance T.C.	±100ppm/°C	Insulation resistance	10MΩ min
		Operating temperature	-55°C to +125°C

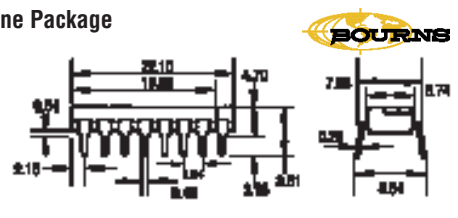
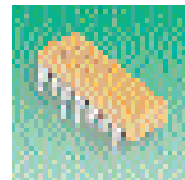
Stocked in the following OHMIC Values:

4308R-101	1K = 106-170	4K7 = 106-172	10K = 106-173		
4308R-102	100R = 106-177 220R = 106-178	470R = 106-179 1K = 106-180	2K2 = 106-181 4K7 = 106-182	10K = 106-183 22K = 106-184	47K = 106-185 100K = 106-186
4309R-101	100R = 106-187 220R = 106-188	470R = 106-189 1K = 106-190	2K2 = 106-191 4K7 = 106-192	10K = 106-193 22K = 106-194	47K = 106-195 100K = 106-196
4310R-101	220R = 107-069†	1K = 107-071	2K2 = 107-072	4K7 = 107-073	10K = 107-074 rp104

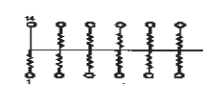
Order Multiple=5	Price Each					
Style	Order Code	5+	50+	100+	500+	1000+
4308R-101	All Values					
4308R-102	All Values					
4309R-101	All Values					
4310R-101	All Values					

†Available until stocks are exhausted

Moulded Dual In-Line Package



4114R-001
(7 resistors, 14 pins)



4114R-002
(13 resistors, 14 pins)



4116R-001
(8 resistors, 16 pins)

Thick film resistor networks having 7 and 8 isolated resistors or 13 bussed resistors of equal value. Laser marked on a gold epoxy coating for permanent identification.

Power rating @ 70°C	2.0W 4114R Series 2.25W 4116R Series	Resistance T.C. tracking	±50 ppm/°C
Voltage rating	100V dc	Voltage rating	100V dc
Resistance tolerance	±2%	Insulation resistance	10MΩ min
Resistance T.C.	±100 ppm/°C	Operating temperature	-55°C to +125°C

Stocked in the following OHMIC Values:

4114R-001	47R = 452-270 68R = 219-745 100R = 149-000	150R = 219-757 220R = 149-001 270R = 219-769	470R = 149-002 1K = 149-003 2K2 = 149-004	4K7 = 149-005 10K = 149-006 22K = 149-007	47K = 149-008 100K = 149-010
4114R-002	1K = 219-770	2K2 = 219-782	4K7 = 219-794	10K = 219-800	
4116R-001	10R = 476-432 22R = 452-282 33R = 452-294 47R = 476-444 68R = 476-456	100R = 149-011 150R = 219-812 220R = 149-012 270R = 219-824	330R = 476-468 470R = 149-013 680R = 476-470 1K = 149-014	1K5 = 219-836 2K2 = 149-015 3K3 = 219-848 4K7 = 149-016	10K = 149-017 22K = 149-018 47K = 149-019 100K = 149-021

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Order Multiple=5	Price Each					
Style	Order Code	5+	100+	500+	1000+	
4114R-001	All Values					
4114R-002	All Values					
4116R-001	All Values					

continued

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