

WELWYN Metal Film Resistors



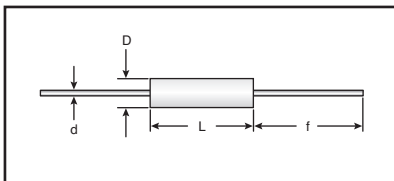
WELWYN EMC SERIES METAL FILM RESISTORS

Features:

- UL 1412 recognized *
- Failsafe 240V mains fusing
- Good pulse handling capability
- Small size for power rating
- UL94-V0 flameproof protection



RoHS Compliant



Electrical Data		EMC2	
Power Rating at 70°C	Watts	2	
Resistance Range	Ohms	4R7-68R	
TCR (25°C to 75°C)	ppm/°C	100	
Isolation Voltage	Volts	500	
Standard Values		E12	
Thermal Impedance	°C/Watt	82	
Ambient Temperature Range	°C	-55 to +155	

* Values 22R and above. UL file number E234469.

EMC2 Series - Pulse Withstanding Fusible Flameproof Metal Film Resistors

Dimensions (mm) & Weight (g)							
Type	L max	D max	f min	d nom	PCB Mount Centres	Min Bend Radius	Wt. nom
EMC2	10	4	27	0.8	18.4	1.2	0.55

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Welwyn Part No.	Value (ohm)	Tolerance	Power Rating @ 70c (Watts)	Price Each			
					1	25	100	1000
756-EMC2-4R7K	EMC2-4R7K	4.7	10%	2	.14	.106	.089	.071
756-EMC2-6R8K	EMC2-6R8K	6.8	10%	2	.14	.106	.089	.071
756-EMC2-8R2K	EMC2-8R2K	8.2	10%	2	.14	.106	.089	.071
756-EMC2-10R0K	EMC2-10R0K	10	10%	2	.14	.107	.089	.069
756-EMC2-15R0K	EMC2-15R0K	15	10%	2	.14	.107	.089	.069
756-EMC2-22R0K	EMC2-22R0K	22	10%	2	.14	.107	.089	.069
756-EMC2-27R0K	EMC2-27R0K	27	10%	2	.14	.107	.089	.069
756-EMC2-33R0K	EMC2-33R0K	33	10%	2	.14	.107	.089	.069
756-EMC2-47R0K	EMC2-47R0K	47	10%	2	.14	.107	.089	.069
756-EMC2-68R0K	EMC2-68R0K	68	10%	2	.14	.10	.084	.065

Leaded Resistors

Welwyn

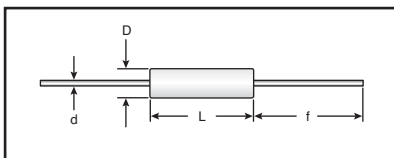
WELWYN PRECISION METAL FILM RESISTORS

Features:

- CECC released products with low
- TCRs over a wide resistance range
- Resistance tolerance down to 0.05%
- Express delivery available
- Low noise and negligible voltage coefficient
- Screened parts available for critical applications



RoHS Compliant



Electric Data		RC5 5	
Commercial			
Power rating at 70°C	watts	0.25	
Resistance range	ohm	2R49 to 2M	
Limiting element voltage	volts	350	
Isolation voltage	volts	500	
TCR (20 to +70°C) & codes	ppm/°C	5(V), 10(T), 15(Y), & 25(D)	
Resistance tolerance	%	0.05(W), 0.1(B), & 0.25(C)	

Dimensions (mm) & Weight (g)							
Type	L max	D max	f min	d nom	PCB Mount Centres	Min Bend Radius	Wt. nom
RC55	7.2	2.5	30	0.6	10.2	0.6	0.24

For quantities greater than listed, call for quote.

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MOUSER STOCK NO.	Welwyn Part No.	Value (ohm)	Tol. (%)	Price Each				MOUSER STOCK NO.	Welwyn Part No.	Value (ohm)	Tol. (%)	Price Each			
				1	10	100	250					1	10	100	250
756-RC55Y-6K04BI	RC55Y-6K04BI	6.04	0.1	.78	.768	.705	.671	756-RC55Y-11K1BI	RC55Y-11K1BI	11K	0.1	.78	.768	.705	.671
756-RC55Y-51R1BI	RC55Y-51R1BI	51.1	0.1	1.57	1.54	1.41	1.30	756-RC55Y-12K1BI	RC55Y-12K1BI	12.1K	0.1	.78	.768	.705	.671
756-RC55Y-75RBI	RC55Y-75RBI	75	0.1	1.57	1.54	1.41	1.30	756-RC55Y-14KBI	RC55Y-14KBI	14K	0.1	.78	.768	.705	.671
756-RC55Y-100RBI	RC55Y-100RBI	100	0.1	.78	.768	.705	.671	756-RC55Y-14K7BI	RC55Y-14K7BI	14.7K	0.1	.78	.768	.705	.671
756-RC55Y-105RBI	RC55Y-105RBI	105	0.1	.78	.768	.705	.671	756-RC55Y-15KBI	RC55Y-15KBI	15K	0.1	.78	.768	.705	.671
756-RC55Y-121RBI	RC55Y-121RBI	121	0.1	.78	.768	.705	.671	756-RC55Y-16K2BI	RC55Y-16K2BI	16.2K	0.1	.78	.768	.705	.671
756-RC55Y-124RBI	RC55Y-124RBI	124	0.1	.78	.768	.705	.671	756-RC55Y-16K5BI	RC55Y-16K5BI	16.5K	0.1	.78	.768	.705	.671
756-RC55Y-150RBI	RC55Y-150RBI	150	0.1	.78	.768	.705	.671	756-RC55Y-16K9BI	RC55Y-16K9BI	16.9K	0.1	.78	.768	.705	.671
756-RC55Y-182RBI	RC55Y-182RBI	182	0.1	.78	.768	.705	.671	756-RC55Y-20KBI	RC55Y-20KBI	20K	0.1	.78	.768	.705	.671
756-RC55Y-200RBI	RC55Y-200RBI	200	0.1	.78	.768	.705	.671	756-RC55Y-20K5BI	RC55Y-20K5BI	20.5K	0.1	.78	.768	.705	.671
756-RC55Y-232RBI	RC55Y-232RBI	232	0.1	.78	.768	.705	.671	756-RC55Y-22K1BI	RC55Y-22K1BI	22.1K	0.1	.78	.768	.705	.671
756-RC55Y-249RBI	RC55Y-249RBI	249	0.1	.78	.768	.705	.671	756-RC55Y-24K9BI	RC55Y-24K9BI	24.9K	0.1	.78	.768	.705	.671
756-RC55Y-332RBI	RC55Y-332RBI	332	0.1	.78	.768	.705	.671	756-RC55Y-27K4BI	RC55Y-27K4BI	27.4K	0.1	.78	.768	.705	.671
756-RC55Y-499RBI	RC55Y-499RBI	499	0.1	.78	.768	.705	.671	756-RC55Y-28KBI	RC55Y-28KBI	28K	0.1	.78	.768	.705	.671
756-RC55Y-511RBI	RC55Y-511RBI	511	0.1	.78	.768	.705	.671	756-RC55Y-30K1BI	RC55Y-30K1BI	30.1K	0.1	.78	.768	.705	.671
756-RC55Y-1K0BI	RC55Y-1K0BI	1K	0.1	.78	.768	.705	.671	756-RC55Y-33K2BI	RC55Y-33K2BI	33.2K	0.1	.78	.768	.705	.671
756-RC55Y-1K02BI	RC55Y-1K02BI	1.02K	0.1	.78	.768	.705	.671	756-RC55Y-34KBI	RC55Y-34KBI	34K	0.1	.78	.76	.70	.67
756-RC55Y-1K05BI	RC55Y-1K05BI	1.05K	0.1	.78	.768	.705	.671	756-RC55Y-39K2BI	RC55Y-39K2BI	39.2K	0.1	.78	.768	.705	.671
756-RC55Y-1K1BI	RC55Y-1K1BI	1.1K	0.1	.78	.768	.705	.671	756-RC55Y-40K2BI	RC55Y-40K2BI	40.2K	0.1	.78	.768	.705	.671
756-RC55Y-1K21BI	RC55Y-1K21BI	1.21K	0.1	.78	.768	.705	.671	756-RC55Y-47K5BI	RC55Y-47K5BI	47.5K	0.1	.78	.768	.705	.671
756-RC55Y-1K24BI	RC55Y-1K24BI	1.24K	0.1	.78	.768	.705	.671	756-RC55Y-48K7BI	RC55Y-48K7BI	48.7K	0.1	.78	.768	.705	.671
756-RC55Y-1K3BI	RC55Y-1K3BI	1.3K	0.1	.78	.768	.705	.671	756-RC55Y-49K9BI	RC55Y-49K9BI	49.9K	0.1	.78	.768	.705	.671
756-RC55Y-1K4BI	RC55Y-1K4BI	1.4K	0.1	.78	.768	.705	.671	756-RC55Y-51K1BI	RC55Y-51K1BI	51.1K	0.1	.78	.768	.705	.671
756-RC55Y-1K5BI	RC55Y-1K5BI	1.5K	0.1	.78	.768	.705	.671	756-RC55Y-59KBI	RC55Y-59KBI	59K	0.1	.78	.768	.705	.671
756-RC55Y-1K82BI	RC55Y-1K82BI	1.82K	0.1	.78	.768	.705	.671	756-RC55Y-61K9BI	RC55Y-61K9BI	61.9K	0.1	.78	.768	.705	.671
756-RC55Y-2K0BI	RC55Y-2K0BI	2K	0.1	.78	.768	.705	.671	756-RC55Y-75KBI	RC55Y-75KBI	75K	0.1	.78	.768	.705	.671
756-RC55Y-2K21BI	RC55Y-2K21BI	2.21K	0.1	.78	.768	.705	.671	756-RC55Y-80K6BI	RC55Y-80K6BI	80.6K	0.1	.78	.768	.705	.671
756-RC55Y-2K49BI	RC55Y-2K49BI	2.49K	0.1	.78	.768	.705	.671	756-RC55Y-82K5BI	RC55Y-82K5BI	82.5K	0.1	.78	.76	.70	.67
756-RC55Y-2K67BI	RC55Y-2K67BI	2.67K	0.1	.78	.768	.705	.671	756-RC55Y-100KBI	RC55Y-100KBI	100K	0.1	.78	.768	.705	.671
756-RC55Y-3K01BI	RC55Y-3K01BI	3.01K	0.1	.78	.768	.705	.671	756-RC55Y-121KBI	RC55Y-121KBI	121K	0.1	.78	.768	.705	.671
756-RC55Y-3K16BI	RC55Y-3K16BI	3.16K	0.1	.78	.768	.705	.671	756-RC55Y-150KBI	RC55Y-150KBI	150K	0.1	.78	.768	.705	.671
756-RC55Y-3K32BI	RC55Y-3K32BI	3.32K	0.1	.78	.768	.705	.671	756-RC55Y-200KBI	RC55Y-200KBI	200K	0.1	.78	.768	.705	.671
756-RC55Y-3K65BI	RC55Y-3K65BI	3.65K	0.1	.78	.768	.705	.671	756-RC55Y-221KBI	RC55Y-221KBI	221K	0.1	.78	.768	.705	.671
756-RC55Y-4K02BI	RC55Y-4K02BI	4.02K	0.1	.78	.768	.705	.671	756-RC55Y-237KBI	RC55Y-237KBI	237K	0.1	.78	.768	.705	.671
756-RC55Y-4K32BI	RC55Y-4K32BI	4.32K	0.1	.78	.768	.705	.671	756-RC55Y-243KBI	RC55Y-243KBI	243K	0.1	.78	.768	.705	.671
756-RC55Y-4K64BI	RC55Y-4K64BI	4.64K	0.1	.78	.768	.705	.671	756-RC55Y-249KBI	RC55Y-249KBI	249K	0.1	.78	.768	.705	.671
756-RC55Y-4K75BI	RC55Y-4K75BI	4.75K	0.1	.78	.768	.705	.671	756-RC55Y-255KBI	RC55Y-255KBI	255K	0.1	.78	.768	.705	.671
756-RC55Y-5K62BI	RC55Y-5K62BI	5.62K	0.1	.78	.768	.705	.671	756-RC55Y-301KBI	RC55Y-301KBI	301K	0.1	.78	.768	.705	.671
756-RC55Y-5K11BI	RC55Y-5K11BI	5.11K	0.1	.78	.768	.705	.671	756-RC55Y-332KBI	RC55Y-332KBI	332K	0.1	.78	.768	.705	.671
756-RC55Y-7K15BI	RC55Y-7K15BI	7.15K	0.1	.78	.768	.705	.671	756-RC55Y-392KBI	RC55Y-392KBI	392K	0.1	1.57	1.54	1.41	1.30
756-RC55Y-7K5BI	RC55Y-7K5BI	7.5K	0.1	.78	.768	.705	.671	756-RC55Y-432KBI	RC55Y-432KBI	432K	0.1	1.57	1.54	1.41	1.30
756-RC55Y-8K25BI	RC55Y-8K25BI	8.25K	0.1	.78	.768	.705	.671	756-RC55Y-475KBI	RC55Y-475KBI	475K	0.1	1.57	1.54	1.41	1.30
756-RC55Y-9K09BI	RC55Y-9K09BI	9.09K	0.1	.78	.768	.705	.671	756-RC55Y-523KBI	RC55Y-523KBI	523K	0.1	1.57	1.54	1.41	1.30
756-RC55Y-9K76BI	RC55Y-9K76BI	9.76K	0.1	.78	.76	.70	.67	756-RC55Y-562KBI	RC55Y-562KBI	562K	0.1	1.57	1.54	1.41	1.30
756-RC55Y-10KBI	RC55Y-10KBI	10K	0.1	.78	.76	.70	.67	756-RC55Y-681KBI	RC55Y-681KBI	681K	0.1	1.57	1.54	1.41	1.30
756-RC55Y-10K2BI	RC55Y-10K2BI	10.2K	0.1	.78	.76	.70	.67	756-RC55Y-750KBI	RC55Y-750KBI	750K	0.1	1.57	1.54	1.41	1.30
756-RC55Y-10K7BI	RC55Y-10K7BI	10.7K	0.1	.78	.768	.705	.671	756-RC55Y-909KBI	RC55Y-909KBI	909K	0.1	1.57	1.54	1.41	1.30
								756-RC55Y-1M0BI	RC55Y-1M0BI	1M	0.1	1.57	1.54	1.41	1.30