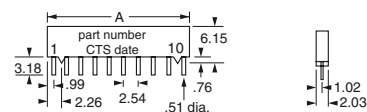


750 SERIES

Single-In-Line



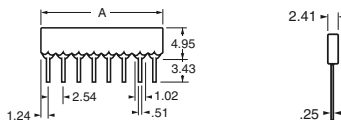
Solid ceramic networks are more efficient because they operate at lower temperatures. This translates into long term reliability in a resistor network.

Specifications:

- **Resistance Values:** 22Ω through 1MΩ • **Resistance Tolerance:** ±2% • **Temperature Coefficient:** ±100PPM/°C typical
- **Features:**
 - Low-profile construction
 - Excellent power dissipation
 - High reliability
 - Alumina substrate

770 SERIES

Single-In-Line Conformal



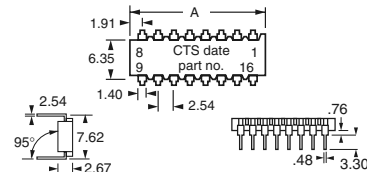
Standard Products 770 series is available in 6, 8, and 10 pin sizes, and in many available resistance values.

Specifications:

- **Resistance Values:** 22Ω through 1MΩ • **Resistance Tolerance:** ±2% • **Temperature Coefficient:** ±100PPM/°C typical
- **Features:**
 - High reliability resistors
 - Low-profile construction
 - .100" lead spacing
 - High reliability
 - Alumina substrate

760/761 SERIES

Dual-In-Line



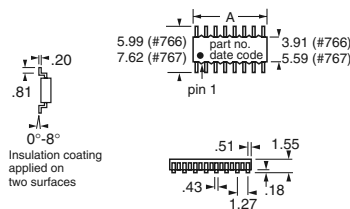
Requires 30% less board space than molded networks of the same power rating.

Specifications:

- **Resistance Range:** 22Ω through 1MΩ • **Resistance Tolerance:** Standard: ±2% • **Maximum Operating Voltage:** 50V not to exceed rated power • **Temperature Coefficient:** 100Ω through 1MΩ ±100PPM/°C typical, Below 100Ω ±200PPM/°C typical
- **Operating Temperature Range:** -55°C - 125°C • **Storage Temperature Range:** -55°C - 125°C • **Dielectric Strength:** 100V

766/767 SERIES

Dual-In-Line Surface Mount



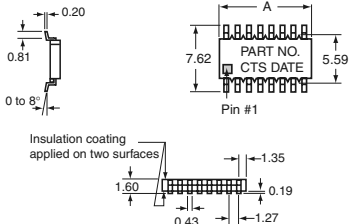
Thin cover coating generates higher power ratings. Thin proprietary cover protection keeps resistors near the surface, allowing the alumina substrate to act as a heat sink. That means higher power ratings than molded networks.

Specifications:

- **Resistance Values:** 22Ω through 1MΩ • **Resistance Tolerance:** ±2% • **Temperature Coefficient:** ±100PPM/°C typical

768 SERIES

Dual-In-Line Surface Mount



Medium body, small outline products. Low profile — board to network clearance of 0.005"/0.010".

Specifications:

- **Resistance Range:** Standard: 10Ω to 1MΩ • **Resistance Tolerance:** Standard: ±2% or 0.5Ω (whichever is greater) • **Maximum Operating Voltage:** 50V not to exceed rated power • **Temperature Coefficient:** Standard: 100Ω to 1MΩ ±100PPM/°C typical, 10Ω to 99Ω ±200PPM/°C typical • **Operating Temperature Range:** -55°C - 125°C • **Dielectric Strength:** 100VAC

Fig. 1 - Bussed



Fig. 2 - Isolated

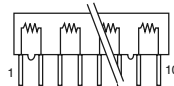


Fig. 3 - Dual Term



Fig. 4 - Bussed

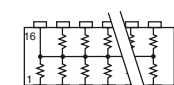


Fig. 5 - Isolated

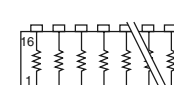
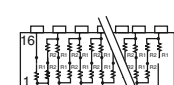


Fig. 6 - Dual Term



AVAILABLE VALUES (listed in ohms)

Isolated and Bussed Circuits

22	56	180	470	1.2K	3.3K	8.2K	22K	68K	220K	680K
27	68	200	510	1.5K	3.9K	10K	27K	82K	270K	820K
33	82	220	560	1.8K	4.7K	12K	33K	100K	330K	1 Meg
39	100	270	680	2K	5.1K	15K	39K	120K	390K	
47	120	330	820	2.2K	5.6K	18K	47K	150K	470K	
51	150	390	1K	2.7K	6.8K	20K	56K	180K	560K	

AVAILABLE VALUES (listed in Ω)

750 and 770 SERIES Dual Terminator Circuits

81/130	
121/195	
162/260	
180/390	
220/330	
330/390	

AVAILABLE VALUES (listed in Ω)

760/761 SERIES Dual Terminator Circuits

180/390	
220/270	
220/330	
180/390	
680/1.5K	
1.5K/3.3K	

AVAILABLE VALUES (listed in Ω)

766/767 and 768 SERIES Dual Terminator Circuits

180/390	
220/330	
330/390	
330/470	

Series	Fig.	No. of Pins	No. of Res.	Dim. "A" (mm)	Resistor Power Rating (mW@70°C)	Digi-Key* Part No.	1	10	100	1,000
750	1	6	5	14.68	250	750-61-R(Value)-ND	.91	7.95	62.43	454.00
	1	8	7	19.76	250	750-81-R(Value)-ND	1.05	9.17	72.05	524.00
	1	10	9	24.84	250	750-101-R(Value)-ND	1.25	10.92	85.80	624.00
	2	6	3	14.68	400	750-63-R(Value)-ND	.91	7.95	62.43	454.00
	2	8	4	19.76	400	750-83-R(Value)-ND	1.05	9.17	72.05	524.00
	2	10	5	24.84	400	750-103-R(Value)-ND	1.25	10.92	85.80	624.00
770	3	8	12	19.76	250	750-85-R(Value)-ND	1.41	12.36	97.08	706.00
	3	10	16	24.84	250	750-105-R(Value)-ND	1.70	14.91	117.15	852.00
	1	6	5	15.19	100	770-61-R(Value)-ND	.21	1.76	13.20	88.00
	1	8	7	20.27	100	770-81-R(Value)-ND	.28	2.36	17.70	118.00
	1	10	9	25.35	100	770-101-R(Value)-ND	.30	2.63	20.63	150.00
	2	6	3	15.19	200	770-63-R(Value)-ND	.21	1.76	13.20	88.00
760/761	2	8	4	20.27	200	770-83-R(Value)-ND	.28	2.36	17.70	118.00
	2	10	5	25.35	200	770-103-R(Value)-ND	.30	2.63	20.63	150.00
	3	8	12	20.27	100	770-85-R(Value)-ND	.57	4.84	36.30	242.00
	3	10	16	25.35	100	770-105-R(Value)-ND	.54	4.76	37.40	272.00
	4	14	13	19.05	150	760-1-R(Value)-ND	.98	8.13	68.25	422.50
	4	16	15	21.59	150	761-1-R(Value)-ND	1.00	9.16	83.25	499.50
766/767	5	14	7	19.05	300	760-3-R(Value)-ND	.98	8.13	68.25	422.50
	5	16	8	21.59	300	761-3-R(Value)-ND	1.00	9.16	83.25	499.50
	6	14	24	19.05	150	760-5-R(Value)-ND	1.35	11.28	94.71	586.30
	6	16	28	21.59	150	761-5-R(Value)-ND	1.38	12.62	114.75	688.50

Series	Fig.	No. of Pins	No. of Res.	Dim. "A" (mm)	Resistor Power Rating (mW@70°C)	Digi-Key* Part No.	1	10	100	1,000
766	4	14	13	8.64	80	766-141-R(Value)-ND	1.22	9.72	68.04	421.20
	4	16	15	9.91	80	766-161-R(Value)-ND	1.22	9.72	68.04	421.20
	5	14	7	8.64	160	766-143-R(Value)-ND	1.22	9.72	68.04	421.20
	5	16	8	9.91	160	766-163-R(Value)-ND	1.22	9.72	68.04	421.20
	6	14	24	8.64	80	766-145-R(Value)-ND	1.43	11.40	79.80	494.00
	6	16	28	9.91	80	766-165-R(Value)-ND	1.43	11.40	79.80	494.00
767	4	14	13	9.91	100	767-141-R(Value)-ND	.66	5.25	36.75	227.50
	4	16	15	11.18	100	767-161-R(Value)-ND	.66	5.25	36.75	227.50
	5	14	7	9.91	200	767-143-R(Value)-ND	.66	5.25	36.75	227.50
	5	16	8	11.18	200	767-163-R(Value)-ND	.66	5.25	36.75	227.50
	6	14	24	9.91	100	767-145-R(Value)-ND	.71	5.64	39.48	244.40
	6	16	28	11.18	100	767-165-R(Value)-ND	.71	5.64	39.48	244.40
768	4	14	13	9.91	130	768-141-R(Value)-ND	.66	5.25	36.75	227.50
	4	16	15	11.18	150	768-161-R(Value)-ND	.66	5.25	36.75	227.50
	5	14	7	9.91	130	768-143-R(Value)-ND	.66	5.25	36.75	227.50
	5	16	8	11.18	150	768-163-R(Value)-ND	.66	5.25	36.75	227.50
	6	14	24	9.91	130	768-145-R(Value)-ND	.71	5.64	39.48	244.40
	6	16	28	11.18	150	768-165-R(Value)-ND	.71	5.64	39.48	244.40

* For complete part number, substitute the corresponding value from the above chart (Value).