

CTS Resistors and Arrays



SERIES 73MX CURRENT SENSING RESISTORS - METAL PLATE

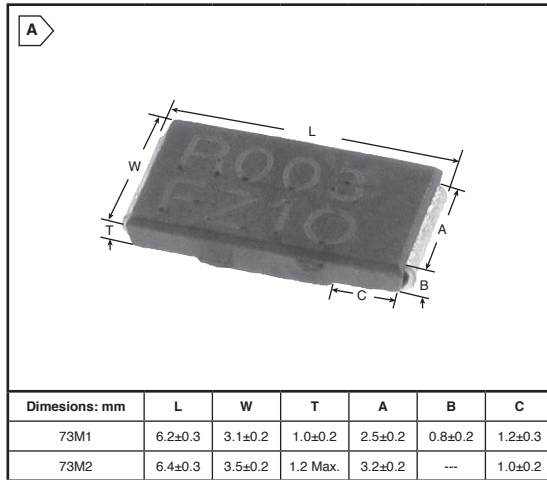
Features:

- Very Low Resistance
- Suitable for Current Limiting, Current Detection, Motor Control, Power Supply and Hard Disk Drives
- High Precision and Excellent Accuracy for Current Detection
- Good Electrical Characteristics
- Nickel Barrier Solder-Coated Pads [e3]
- Reflow capable per JEDEC J-STD-020, 260°C maximum
- Tape and Reel Packaging
- Surface Mount Package



For quantities greater than listed call for quote.

MOUSER STOCK NO.	CTS Part No.	Fig.	Resistor Value	Rated Wattle (Watts)	Tolerance	Price Each			
						1	10	100	500
73M1									
774-73M1R003F	73M1R003F	A	0.003Ω	1	±2%	1.06	.74	.45	.33
774-73M1R007F	73M1R007F	A	0.007Ω	1	±2%	1.06	.74	.45	.33
774-73M1R009F	73M1R009F	A	0.009Ω	1	±2%	1.06	.74	.45	.33
774-73M1R010F	73M1R010F	A	0.010Ω	1	±2%	.36	.307	.246	.202
774-73M1R100F	73M1R100F	A	0.100Ω	1	±2%	.36	.307	.246	.202
73M2									
774-73M2R005F	73M2R005F	A	0.005Ω	2	±1%	1.03	.954	.73	.61
774-73M2R009F	73M2R009F	A	0.009Ω	2	±1%	1.03	.954	.73	.61
774-73M2R010F	73M2R010F	A	0.010Ω	2	±1%	.79	.662	.53	.437
774-73M2R030F	73M2R030F	A	0.030Ω	2	±1%	.79	.662	.53	.437



CTS provides customers with platform-based engineered components and modules and related products utilizing our expertise in RF design filtering frequency control electromechanical ceramic and ball-grid array technologies and our knowledge of customer applications.

CTS CHIP RESISTOR ARRAYS

Features:

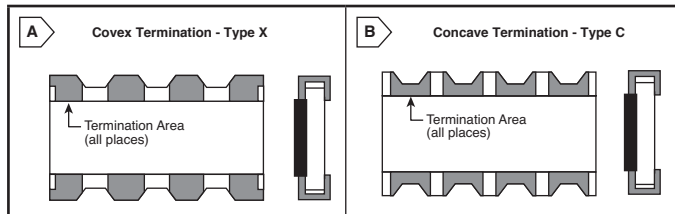
- Thick film technology
- High density packaging
- Leadless surface mount construction
- Tape and reel packaging
- Solder coated nickel barrier pads
- Operating temperature range: -55°C to +125°C



RoHS Compliant

For quantities greater than listed call for quote.

MOUSER STOCK NO.	Value	Suffix	Fig.	No. of Resistors	No. of Pads	Price Each		
						1	50	100
Convex Term								
774-740X043	Code	JP	A	2	4	.12	.084	.072
774-741X043	Code	JP	A	2	4	.03	.013	.011
774-741X083	Code	JP	A	4	8	.03	.013	.011
774-746X101	Code	JP	A	8	10	.12	.084	.072
774-741X163	Code	JP	A	8	16	.63	.264	.213
Concave Term								
774-742C043	Code	JP	B	2	4	.03	.015	.013
774-743C043	Code	JP	B	2	4	.11	.083	.074
774-744C043	Code	JP	B	2	4	.15	.089	.078
774-741C083	Code	JP	B	4	8	.03	.018	.016
774-742C083	Code	JP	B	4	8	.03	.013	.011
774-743C083	Code	JP	B	4	8	.12	.09	.08
774-744C083	Code	JP	B	4	8	.12	.096	.086
774-745C101	Code	JP	B	8	10	.22	.165	.162
774-742C163	Code	JP	B	8	16	.15	.121	.103



Standard Resistor Values and Codes									
Ohms	Code	Ohms	Code	Ohms	Code	Ohms	Code	Ohms	Code
0	000X	82	820	820K	821	10K	103	120K	124
10	100	100	101	1K	102	12K	123	150K	154
12	120	110	111	1.2K	122	15K	153	180K	184
15	150	120	121	1.5K	152	18K	183	220K	224
18	180	150	151	1.8K	182	22K	223	270K	274
22	220	180	181	2.2K	222	27K	273	330K	334
27	270	220	221	2.7K	272	33K	333	390K	394
33	330	270	271	3.3K	332	39K	393	470K	474
39	390	330	331	3.9K	392	47K	473	510K	514
47	470	390	391	4.7K	472	51K	513	560K	564
51	510	470	471	5.1K	512	56K	563	680K	684
56	560	510	511	5.6K	562	68K	683	820K	824
68	680	560	561	6.8K	682	82K	823	1M	105
75	750	680	681	8.2K	822	100K	104		

*Note: Series 745 33Ω to 470KΩ Series 746 33Ω to 100KΩ

ClearONE RT SERIES BGA TERMINATORS

Designed with a ceramic substrate this device minimizes channel capacitance a primary cause of reduced system performance. In addition the BGA package eases routing design saving the designer many hours of printed circuit layout.

Compact PCI Features:

- Ultra low I/O coupling
- Slim BGA package
- 10 Ω Trimmed resistance to 5%
- 1% Resistor tolerance

DDR SDRAM Features:

- Compliant to JEDEC std. 8-9A
- Excellent high frequency performance
- Slim BGA package
- Low channel capacitance

For quantities greater than listed call for quote.

MOUSER STOCK NO.	CTS Part No.	Fig.	Bits	Value (Ω)		Array Size	Pitch (mm)	Price Each			
				R1	R2			1	10	100	500
Compact PCI											
774-RT1201B7TR7	RT1201B7TR7	A	32	10	-	4 x 16	1.00	2.89	2.65	2.41	1.93
DDR SDRAM											
774-RT1404B7TR7	RT1404B7TR7	B	18	25	-	4 x 9	1.00	2.03	1.86	1.69	1.35
774-RT1400B7TR7	RT1400B7TR7	C	18	50	25	3 x 9	1.00	1.96	1.80	1.63	1.31
774-RT1402B7TR7	RT1402B7TR7	D	18	50	-	3 x 9	1.00	1.80	1.65	1.50	1.20

CTS THRU HOLE SIP RESISTOR NETWORKS

Compact PCI Features:

- High-reliability cermet resistors
- Space saving over individual resistors

- 2.54mm / .100in. pin spacing
- Operating temperature: -55°C to +125°C



RoHS Compliant

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MOUSER STOCK NO.	CTS Part No.	Fig.	Value (Ω)	Tolerance	No. of Pins	Price Each			
						1	10	100	500
774-770101103P	770101103P	E	10K	2%	10	.67	.591	.467	.264
774-770101472P	770101472P	E	4.7K	2%	10	.79	.696	.549	.458

