

# IRC 1206, 2512-1% SMD Thick Film Chip Resistors



## HTC SERIES

### Features:

- Excellent high temperature stability
- Improved working voltage ratings
- Wrap-around terminations

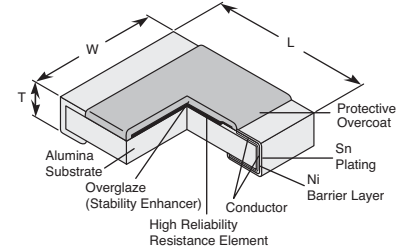


### Specifications:

- Operating Temperature Range: -55°C to +200°C
- Resistance Values: 1Ω to 10MΩ

### DIMENSIONS: mm

Size	L	W	H
1206	3.2±0.4	1.6±0.2	0.7
2512	6.5±0.3	3.2±0.2	0.8



MOUSER STOCK NO.	IRC Part No.	Case Size	Ω Value	150°C Power Rating (mW)	Tol.	Price Each			Reel Qty.	Price Per Piece
						1	50	100		
66-HTC-1206LF10R0F	HTC-1206LF10R0F	1206	10	200	1%	3.07	2.68	2.30	500	2.11
66-HTC-1206LF100RF	HTC-1206LF100RF	1206	100	200	1%	3.07	2.68	2.30	500	2.11
66-HTC-1206LF200KF	HTC-1206LF200KF	1206	200	200	1%	3.07	2.68	2.30	500	2.11
66-HTC-1206LF499RF	HTC-1206LF499RF	1206	499	200	1%	3.07	2.68	2.30	500	2.11
66-HTC-1206LF1K00F	HTC-1206LF1K00F	1206	1K	200	1%	3.07	2.68	2.30	500	2.11
66-HTC-1206LF5K11F	HTC-1206LF5K11F	1206	5.11K	200	1%	3.07	2.68	2.30	500	2.11
66-HTC-1206LF10K0F	HTC-1206LF10K0F	1206	10K	200	1%	3.07	2.68	2.30	500	2.11
66-HTC-1206LF51K1F	HTC-1206LF51K1F	1206	51.1K	200	1%	3.07	2.68	2.30	500	2.11
66-HTC-1206LF1M00F	HTC-1206LF1M00F	1206	1M	200	1%	3.07	2.68	2.30	500	2.11
66-HTC-2512LF10R0F	HTC-2512LF10R0F	2512	10	750	1%	3.79	3.32	2.84	500	2.61
66-HTC-2512LF100RF	HTC-2512LF100RF	2512	100	750	1%	3.79	3.32	2.84	500	2.61
66-HTC-2512LF1K00F	HTC-2512LF1K00F	2512	1K	750	1%	3.79	3.32	2.84	500	2.61
66-HTC-2512LF30K1F	HTC-2512LF30K1F	2512	30K	750	1%	3.79	3.32	2.84	500	2.61
66-HTC-2512LF100KF	HTC-2512LF100KF	2512	100K	750	1%	3.79	3.32	2.84	500	2.61
66-HTC-2512LF1M00F	HTC-2512LF1M00F	2512	1M	750	1%	3.79	3.32	2.84	500	2.61

## IRC SOT23 SMD Voltage Dividers



## DIV23 SERIES

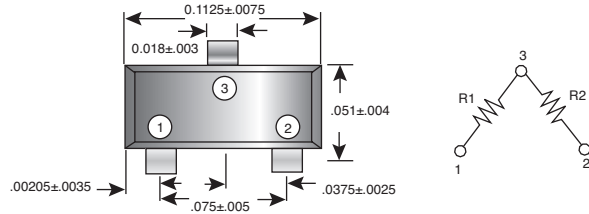
### Features:

- Replaces IRC SOT23 Series for new designs
- Superior alternative to matched sets
- Ultra-stable TaNSiI® resistors on silicon substrate



### Specifications:

- Precision ratio tolerances to ±0.05%
- Element Resistance Range: 10 to 200KΩ
- Absolute Tolerance: To ±0.1%
- Ratio Tolerance to R1: To ±0.05%
- Operating Temperature Range: -55C to +125C



MOUSER STOCK NO	IRC Part No.	Absolute TCR (±/°C)	Ω Value		Absolute Tol.	Ratio Tol.	Price Each			Reel Qty.	Price Per Piece
			R1 Resistance	R2 Resistance			1	100	500		
66-D2303-1002-9002DD	SOT-DIV23LF-03-1002-9002-DD	25ppm	10K	90K	.5%	.5%	2.29	1.15	.78	1000	.68
66-D2303-1001-1001BB	SOT-DIV23LF-03-1001-1001-BB	25ppm	1K	1K	.1%	.1%	3.00	1.50	1.02	1000	.89
66-D2303-1001-1001DD	SOT-DIV23LF-03-1001-1001-DD	25ppm	1K	1K	.5%	.5%	2.29	1.15	.78	1000	.68
66-D2303-2502-2502BA	SOT-DIV23LF-03-2502-2502-BA	25ppm	25K	25K	.1%	.5%	5.25	3.87	2.26	1000	2.13
66-D2303-2001-2001BA	SOT-DIV23LF-03-2001-2001-BA	25ppm	2K	2K	.1%	.5%	5.25	3.87	2.26	1000	2.13
66-D2303-5002-5002BA	SOT-DIV23LF-03-5002-5002-BA	25ppm	50K	50K	.1%	.5%	5.25	3.87	2.26	1000	2.13
66-D2301-1001-1001FF	SOT-DIV23LF-01-1001-1001-FF	100ppm	1K	1K	1%	1%	2.29	1.15	.78	1000	.68