

# IRC 0805, 1206-0.1% 25 PPM SMD Thin Film Resistors



## PFC SERIES TANFILM

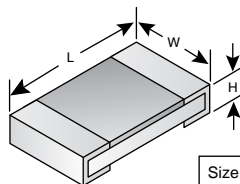


RoHS Compliant

### Features:

- Available in 0603, 0805, 1206
- Temperature Coefficient = 25ppm
- Passivated TanFilm element
- Tolerance= 0.1%
- Wrap-around termination
- Leach resistant nickel barrier termination

\*: Values not available in all sizes



DIMENSIONS: in.

Size	MOUSER STOCK NO.	IRC Part No.	Range of Values in (Ω) See Table	Price Each			
				1	50	100	500
*0603	66-PFC06LF-Value-B	PFC06C-value-B	10(Ω) to 100K				
*0805	66-PFC08LF-Value-B	PFC08C-value-B	10(Ω) to 267K				
1206	66-PFC12LF-Value-B	PFC12C-value-B	10(Ω) to 1Meg				

Size	Watt	L	W	H
0603	.1	.063 ± .004	.031 ± .004	.020 ± .004
0805	.25	.081 ± .005	.050 ± .005	.020 ± .006
1206	.33	.126 ± .006	.063 ± .005	.024 ± .004

TABLE OF STOCKED VALUES																					
10	20.5	44.2	90.9	154	255	453	750	1.27K	2.1K	3.48K	5.76K	9.53K	15.8K	26.1K	45.3K	78.7K	137K	226K	374K	619K	
10.2	21.5	45.3	93.1	158	261	464	768	1.3K	2.15K	3.57K	5.9K	9.76K	16.2K	26.7K	46.4K	80.6K	140K	232K	383K	634K	
10.5	22.1	47.5	95.3	162	267	475	787	1.33K	2.21K	3.65K	6.04K	10K	16.5K	27.4K	47.5K	82.5K	143K	237K	392K	649K	
10.7	23.7	48.7	97.6	165	274	487	806	1.37K	2.26K	3.74K	6.19K	10.2K	16.9K	28K	48.7K	86.6K	147K	243K	402K	665K	
11	24.3	49.9	100	169	287	499	825	1.4K	2.32K	3.83K	6.34K	10.5K	17.4K	29.4K	49.9K	88.7K	150K	249K	412K	681K	
11.3	24.9	51.1	102	174	301	511	845	1.43K	2.37K	3.92K	6.49K	10.7K	17.8K	30.1K	51.1K	90.9K	154K	255K	422K	698K	
11.5	26.7	53.6	105	178	309	523	866	1.47K	2.43K	4.02K	6.65K	11K	18.2K	30.9K	53.6K	93.1K	158K	261K	432K	715K	
12.1	28	54.9	107	182	316	536	887	1.5K	2.49K	4.12K	6.81K	11.3K	18.7K	31.6K	54.9K	97.6K	162K	267K	442K	732K	
13	30.1	57.6	110	187	324	549	909	1.54K	2.55K	4.2K	6.98K	11.5K	19.1K	32.4K	56.2K	100K	165K	274K	453K	750K	
13.3	30.9	59	113	191	332	562	931	1.58K	2.61K	4.32K	7.15K	11.8K	19.6K	33.2K	57.6K	102K	169K	280K	464K	768K	
13.7	31.6	60.4	115	196	340	576	953	1.62K	2.67K	4.42K	7.32K	12.1K	20K	34K	59K	105K	174K	287K	475K	787K	
14.3	32.4	61.9	121	200	348	590	1.0K	1.65K	2.74K	4.53K	7.5K	12.4K	20.5K	34.8K	60.4K	107K	178K	294K	487K	806K	
14.7	33.2	64.9	124	205	357	604	1.02K	1.69K	2.8K	4.64K	7.68K	12.7K	21K	35.7K	61.9K	110K	182K	301K	499K	825K	
15	36.5	69.8	127	210	365	619	1.05K	1.74K	2.87K	4.75K	7.87K	13K	21.5K	36.5K	63.4K	113K	187K	309K	511K	845K	
15.4	37.4	71.5	130	215	374	634	1.07K	1.78K	2.94K	4.87K	8.06K	13.3K	22.1K	37.4K	64.9K	115K	191K	316K	523K	866K	
15.8	38.3	75	133	221	383	649	1.1K	1.82K	3.01K	4.99K	8.25K	13.7K	22.6K	38.3K	66.5K	118K	196K	324K	536K	887K	
16.9	39.2	78.7	137	226	392	665	1.13K	1.87K	3.09K	5.11K	8.45K	14K	23.2K	39.2K	68.1K	121K	200K	332K	549K	909K	
18.2	40.2	82.5	140	232	402	681	1.15K	1.91K	3.16K	5.23K	8.66K	14.3K	23.7K	40.2K	69.8K	124K	205K	340K	562K	931K	
18.7	41.2	84.5	143	237	422	698	1.18K	1.96K	3.24K	5.36K	8.87K	14.7K	24.3K	42.2K	71.5K	127K	210K	348K	576K	953K	
19.8	42.2	86.6	147	243	432	715	1.21K	2.0K	3.32K	5.49K	9.09K	15K	24.9K	43.2K	73.2K	130K	215K	357K	590K	976K	
20	43.2	88.7	150	249	442	732	1.24K	2.05K	3.4K	5.62K	9.31K	15.4K	25.5K	44.2K	75K	133K	221K	365K	604K	1.0M	

SMD Resistors IRC

# IRC 1206, 2010, 2512-1% SMD Current Sense Resistors-1/2, 1 and 2 Watt



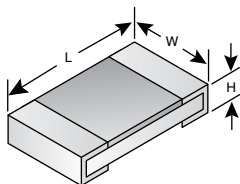
## LR SERIES

### Features:

- Resistance values down to .003ohms
- Leach resistant solder-plated cooper wrap-around termination
- Low inductance-less than 0.2nH



RoHS Compliant



DIMENSIONS: in.

Size	L	W	H
1206	.126 ± .012	.064 ± .008	.024 ± .004
2010	.206 ± .015	.104 ± .010	.029 ± .004
2512	.256 ± .015	.128 ± .010	.029 ± .004

MOUSER STOCK NO.		Ω Value	Watt	Case Size	Tol.	Price Each			Reel Qty. 1000 Each Price
Mfr.	Mfr. Part Number					1	100	500	
66	—LRF1206-LF-R012-F	0.012	1/2	1206	1%				
66	—LRF1206-LF-R015-F	0.015	1/2	1206	1%				
66	—LRF1206-LF-R020-F	0.02	1/2	1206	1%				
66	—LRF1206-LF-R025-F	0.025	1/2	1206	1%				
66	—LR1206-LF-R030-F	0.03	1/2	1206	1%				
66	—LR1206-LF-R033-F	0.033	1/2	1206	1%				
66	—LR1206-LF-R040-F	0.04	1/2	1206	1%				
66	—LR1206-LF-R050-F	0.05	1/2	1206	1%				
66	—LR1206-LF-R060-F	0.06	1/2	1206	1%				
66	—LR1206-LF-R080-F	0.08	1/2	1206	1%				
66	—LR1206-LF-R100-F	0.1	1/2	1206	1%				
66	—LR1206-LF-R150-F	0.15	1/2	1206	1%				
66	—LRF2010-LF-R010-F	0.01	1	2010	1%				
66	—LRF2010-LF-R012-F	0.012	1	2010	1%				
66	—LRF2010-LF-R015-F	0.015	1	2010	1%				
66	—LRF2010-LF-R018-F	0.018	1	2010	1%				
66	—LRF2010-LF-R020-F	0.02	1	2010	1%				
66	—LRF2010-LF-R025-F	0.025	1	2010	1%				
66	—LR2010-LF-R030-F	0.03	1	2010	1%				
66	—LR2010-LF-R033-F	0.033	1	2010	1%				
66	—LR2010-LF-R035-F	0.035	1	2010	1%				
66	—LR2010-LF-R040-F	0.04	1	2010	1%				
66	—LR2010-LF-R050-F	0.05	1	2010	1%				
66	—LR2010-LF-R058-F	0.058	1	2010	1%				
66	—LR2010-LF-R068-F	0.068	1	2010	1%				
66	—LR2010-LF-R075-F	0.075	1	2010	1%				
66	—LR2010-LF-R100-F	0.1	1	2010	1%				
66	—LR2010-LF-R120-F	0.12	1	2010	1%				

MOUSER STOCK NO.		Ω Value	Watt	Case Size	Tol.	Price Each			Reel Qty. 1000 Each Price
Mfr.	Mfr. Part Number					1	100	500	
66	—LR2010-LF-R150-F	0.15	1	2010	1%				
66	—LR2010-LF-R180-F	0.18	1	2010	1%				
66	—LR2010-LF-R200-F	0.2	1	2010	1%				
66	—LR2010-LF-R220-F	0.22	1	2010	1%				
66	—LR2010-LF-R250-F	0.25	1	2010	1%				
66	—LR2010-LF-R270-F	0.27	1	2010	1%				
66	—LR2010-LF-R300-F	0.3	1	2010	1%				
66	—LR2010-LF-R470-F	0.47	1	2010	1%				
66	—LR2010-LF-R500-F	0.5	1	2010	1%				
66	—LRF2512-LF-R010-F	0.01	2	2512	1%				
66	—LRF2512-LF-R012-F	0.012	2	2512	1%				
66	—LRF2512-LF-R015-F	0.015	2	2512	1%				
66	—LRF2512-LF-R020-F	0.02	2	2512	1%				
66	—LRF2512-LF-R024-F	0.024	2	2512	1%				
66	—LRF2512-LF-R025-F	0.025	2	2512	1%				
66	—LR2512-LF-R027-F	0.027	2	2512	1%				
66	—LR2512-LF-R030-F	0.03	2	2512	1%				
66	—LR2512-LF-R040-F	0.04	2	2512	1%				
66	—LR2512-LF-R050-F	0.05	2	2512	1%				
66	—LR2512-LF-R056-F	0.056	2	2512	1%				
66	—LR2512-LF-R062-F	0.062	2	2512	1%				
66	—LR2512-LF-R068-F	0.068	2	2512	1%				
66	—LR2512-LF-R075-F	0.075	2	2512	1%				
66	—LR2512-LF-R080-F	0.08	2	2512	1%				
66	—LR2512-LF-R100-F	0.1	2	2512	1%				
66	—LR2512-LF-R120-F	0.12	2	2512	1%				
66	—LR2512-LF-R140-F	0.14	2	2512	1%				
66	—LR2512-LF-R150-F	0.15	2	2512	1%				
66	—LR2512-LF-R200-F	0.2	2	2512	1%				
66	—LR2512-LF-R220-F	0.22	2	2512	1%				
66	—LR2512-LF-R250-F	0.25	2	2512	1%				
66	—LR2512-LF-R300-F	0.3	2	2512	1%				
66	—LR2512-LF-R330-F	0.33	2	2512	1%				
66	—LR2512-LF-R400-F	0.4	2	2512	1%				
66	—LR2512-LF-R470-F	0.47	2	2512	1%				
66	—LR2512-LF-R500-F	0.5	2	2512	1%				