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PRODUCT DATASHEET

Surface Mount Fuse

0154 Series Fuse

Description

The 0154 Series OMNI-BLOK® Fuse and Holder Assembly offers a solution for efficient installation and easy replacement of miniature Nano2® surface mount fuses. Offered in a tape and reel package, this fuse and holder combination can be installed on a PC board as an efficient single step. Fuse replacement can be accomplished without exposing the PC board to the detrimental effects of solder heat. The fuse holder unit may be sold as a stand-alone item.

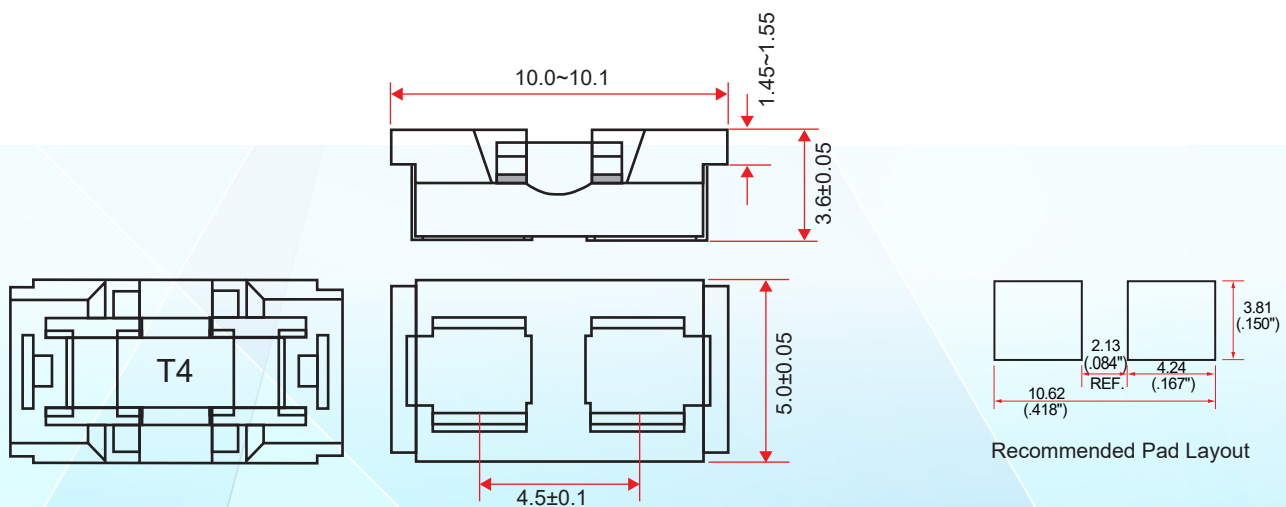
Features

- Easy fuse replacement
- Miniature size
- Very Fast-Acting and Time-Lag options available
- Holder sized to fit a range of Nano2® type fuses
- Low fuse temperature re-rating
- Wide range of current rating available
- Wide operating temperature range
- Heat-resistant fuseholder
- 260°C reflow capable fuseholder

Product Characteristics

Operating Temperature	-50°C to 125°C
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Dimensions

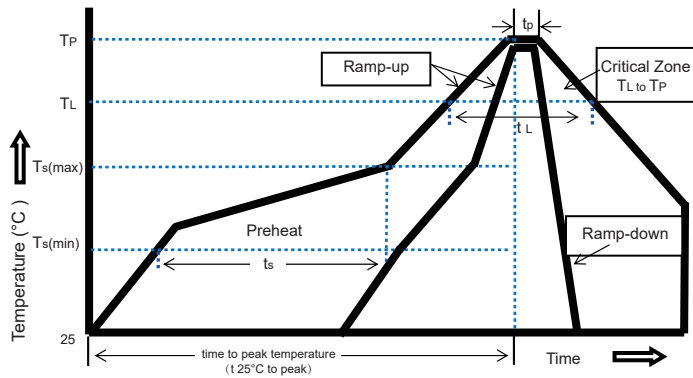


Ordering Information

Part Number	Ampere Rating (A)	Ampere Code	Fuse Furnished
0154.062JF	0.062	.062	JFC2410-0062FS
0154.080JF	0.080	.080	JFC2410-0080FS
0154.100JF	0.10	.100	JFC2410-0100FS
0154.125JF	0.125	.125	JFC2410-0125FS
0154.160JF	0.16	.160	JFC2410-0160FS
0154.200JF	0.20	.200	JFC2410-0200FS
0154.250JF	0.25	.250	JFC2410-0250FS
0154.315JF	0.315	.315	JFC2410-0315FS
0154.375JF	0.375	.375	JFC2410-0375FS
0154.400JF	0.40	.400	JFC2410-0400FS
0154.500JF	0.50	.500	JFC2410-0500FS
0154.630JF	0.63	.630	JFC2410-0630FS
0154.750JF	0.75	.750	JFC2410-0750FS
0154.800JF	0.80	.800	JFC2410-0800FS
0154001.JF	1.0	001.	JFC2410-1100FS
01541.25JF	1.25	1.25	JFC2410-1125FS
015401.5JF	1.5	01.5	JFC2410-1150FS
015401.6JF	1.6	01.6	JFC2410-1160FS
0154002.JF	2.0	002.	JFC2410-1200FS
015402.5JF	2.5	02.5	JFC2410-1250FS
0154003.JF	3.0	003.	JFC2410-1300FS
01543.15JF	3.15	3.15	JFC2410-1315FS
015403.5JF	3.5	03.5	JFC2410-1350FS
0154004.JF	4.0	004.	JFC2410-1400FS
0154005.JF	5.0	005.	JFC2410-1500FS
015406.3JF	6.3	06.3	JFC2410-1630FS
0154007.JF	7.0	007.	JFC2410-1700FS
0154008.JF	8.0	008.	JFC2410-1800FS
0154010.JF	10	010.	JFC2410-2100FS
0154012.JF	12	012.	JFC2410-2120FS
0154015.JF	15	015.	JFC2410-2150FS
0154016.JF	16	016.	JFC2410-2160FS
0154020.JF	20	020.	JFC2410-2200FS
0154025.JF	25	025.	JFC2410-2250FS
0154030.JF	30	030.	JFC2410-2300FS
0154040.JF	40	040.	JFC2410-2400FS

Part Number	Ampere Rating (A)	Ampere Code	Fuse Furnished
0154.062JT	0.062	.062	JFC2410-0062TS
0154.100JT	0.10	.100	JFC2410-0100TS
0154.125JT	0.125	.125	JFC2410-0125TS
0154.250JT	0.25	.250	JFC2410-0250TS
0154.375JT	0.375	.375	JFC2410-0375TS
0154.500JT	0.50	.500	JFC2410-0500TS
0154.630JT	0.63	.630	JFC2410-0630TS
0154.750JT	0.75	.750	JFC2410-0750TS
0154001.JT	1.0	001.	JFC2410-1100TS
01541.25JT	1.25	1.25	JFC2410-1125TS
015401.5JT	1.5	01.5	JFC2410-1150TS
0154002.JT	2.0	002.	JFC2410-1200TS
015402.5JT	2.5	02.5	JFC2410-1250TS
0154003.JT	3.0	003.	JFC2410-1300TS
01543.15JT	3.15	3.15	JFC2410-1315TS
015403.5JT	3.5	03.5	JFC2410-1350TS
0154004.JT	4.0	004.	JFC2410-1400TS
0154005.JT	5.0	005.	JFC2410-1500TS
015406.3JT	6.3	06.3	JFC2410-1630TS
0154007.JT	7.0	007.	JFC2410-1700TS
0154008.JT	8.0	008.	JFC2410-1800TS
0154010.JT	10	010.	JFC2410-2100TS
0154012.JT	12	012.	JFC2410-2120TS
0154015.JT	15	015.	JFC2410-2150TS
0154016.JT	16	016.	JFC2410-2160TS
0154020.JT	20	020.	JFC2410-2200TS
0154025.JT	25	025.	JFC2410-2250TS
0154030.JT	30	030.	JFC2410-2300TS
0154040.JT	40	040.	JFC2410-2400TS

Soldering Parameters



	Reflow Condition	Pb-Free assembly
Pre Heat	Temperature Min $T_{s(min)}$	150°C
	Temperature Max $T_{s(max)}$	200°C
	Time Min to Max (T_s)	60-120 secs
Reflow	Temperature (T_L)(Liquidus)	217°C
	Time Max (T_L)	60-90 seconds
	Average ramp up rate (Liquidus Temp(T_L) to peak)	5°C/seconds max.
	$T_{s(max)}$ to T_L -Ramp-up Rate	5°C/seconds max.
	Peak Temperature(T_p)	260 + 0/-5°C
	Time within 5°C of actual peak Temperature(t_p)	20-40 seconds
	Ramp-down Rate	5°C/seconds max.
	Time 5°C of peak Temperature(t_p)	8 minutes max.
	Do not exceed	260°C

Packaging

Packaging Option	Quantity
Reel Pack	1500

Part Numbering

0154 001. J F/T

