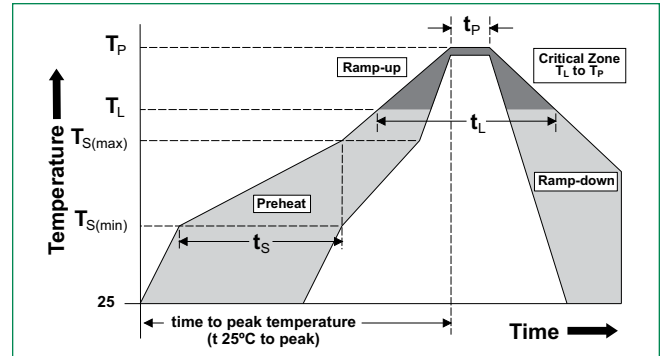


### Soldering Parameters

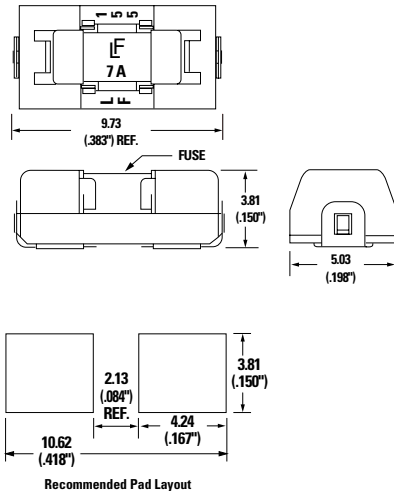
|                                                                        |                                    |                         |
|------------------------------------------------------------------------|------------------------------------|-------------------------|
| <b>Reflow Condition</b>                                                |                                    | Pb – Free assembly      |
| <b>Pre Heat</b>                                                        | - Temperature Min ( $T_{s(min)}$ ) | 150°C                   |
|                                                                        | - Temperature Max ( $T_{s(max)}$ ) | 200°C                   |
|                                                                        | - Time (Min to Max) ( $t_s$ )      | 60 - 180 seconds        |
| <b>Average Ramp-up Rate (Liquidus Temp (<math>T_L</math>) to peak)</b> |                                    | 5°C/second max.         |
| <b><math>T_{s(max)}</math> to <math>T_L</math> - Ramp-up Rate</b>      |                                    | 5°C/second max.         |
| <b>Reflow</b>                                                          | - Temperature ( $T_L$ ) (Liquidus) | 217°C                   |
|                                                                        | - Temperature ( $t_L$ )            | 60 - 150 seconds        |
| <b>Peak Temperature (<math>T_p</math>)</b>                             |                                    | 260 <sup>+0/-5</sup> °C |
| <b>Time within 5°C of actual peak Temperature (<math>t_p</math>)</b>   |                                    | 20 - 40 seconds         |
| <b>Ramp-down Rate</b>                                                  |                                    | 5°C/second max.         |
| <b>Time 25°C to peak Temperature (<math>T_p</math>)</b>                |                                    | 8 minutes max.          |
| <b>Do not exceed</b>                                                   |                                    | 260°C                   |



### Product Characteristics

|                              |                |
|------------------------------|----------------|
| <b>Operating Temperature</b> | -55°C to 125°C |
|------------------------------|----------------|

### Dimensions



### Part Numbering System

|                                             |      |
|---------------------------------------------|------|
| <b>Series</b>                               | 0154 |
| <b>AMP Code</b>                             | 001. |
| <b>Quantity Code</b>                        | D    |
| <b>Packaging Code</b>                       | R    |
| <b>Type Code</b>                            | T    |
| <b>"L" suffix for Black Color Holder</b>    | L    |
| <b>"G" suffix for 451L (Au-Plated Caps)</b> |      |

**Example:**  
1.5 amp Fast-acting product is 0154**01.5**DR.  
1.5 amp Time-lag product is 0154**01.5**DRT.  
(1 amp product shown above).

### Packaging

| Packaging Option | Packaging Specification            | Quantity | Quantity & Packaging Code |
|------------------|------------------------------------|----------|---------------------------|
| Reel Pack        | EIA RS-481-2 (IEC 60286-3, part 3) | 1500     | DR                        |

### Additional Information



Datasheet



Resources



Samples