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|---|--|--------------------------------|
|   | <h2 style="color: red;">APT25GR120SD15</h2>  |                                |
|   | <b>Manufacturer Part Number:</b>   | <a href="#">APT25GR120SD15</a> |
|  | <b>Manufacturer/Brand:</b>   | <a href="#">Microsemi</a>      |
|   | <b>Part of Description:</b>  | IGBT 1200V 75A 521W D3PAK      |
| <b>Datasheets:</b>  |  <a href="#">APT25GR120SD15.pdf</a> |                                |
| <b>RoHs Status:</b>   |  Lead free / RoHS                   |                                |
| <b>Stock Condition:</b>   | Compliant<br>New original, 5260 pcs Stock Available.   |                                |
| <b>Ship From:</b>   | Hong Kong  |                                |
| <b>Shipment Way:</b>  | DHL/Fedex/TNT/UPS/EMS  |                                |
| <p>Image may be representation. See specs for product details.</p>                |  |                                |

### Specifications

|   |   |
|---|---|
| Part Number                                 | APT25GR120SD15  |
| Manufacturer                                | Microsemi   |
| Description                                 | IGBT 1200V 75A 521W D3PAK                               |
| Category                                    | Discrete Semiconductor Products > Transistors - IGBTs - |
| Part Status                                 | 5260 pcs Stock  |
| Voltage - Collector Emitter Breakdown (Max) | 1200V   |
| Vce(on) (Max) @ Vge, Ic                     | 3.2V @ 15V, 25A   |
| Test Condition                              | 600V, 25A, 4.3 Ohm, 15V                                 |
| Td (on/off) @ 25°C                          | 16ns/122ns  |
| Switching Energy                            | 742μJ (on), 427μJ (off)                                 |
| Supplier Device Package                     | D3Pak   |
| Series                                      | -   |
| Power - Max                                 | 521W  |
| Packaging                                   | Tube  |
| Package / Case                              | TO-268-3, D <sup>3</sup> Pak (2 Leads + Tab), TO-268AA  |
| Operating Temperature                       | -55°C ~ 150°C (TJ)                                      |
| Mounting Type                               | Surface Mount   |
| Input Type                                  | Standard  |
| IGBT Type                                   | NPT   |
| Gate Charge                                 | 203nC   |
| Current - Collector Pulsed (Icm)            | 100A  |
| Current - Collector (Ic) (Max)              | 75A   |

### You May Be Also Be interested

|  |  |  |  |
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| <b>In:</b><br><br><b>APT25GR120BSCD10</b><br>Microsemi Corporation<br>IGBT 1200V 75A 521W TO247 | <br><b>APT25GP90BG</b><br>Microsemi Corporation<br>IGBT 900V 72A 417W TO247       | <br><b>APT25GR120B</b><br>Microsemi Corporation<br>IGBT 1200V 75A 521W TO247 | <br><b>APT25GT120BR</b><br>APT<br>IGBT Modules                                    |
| <br><b>APT25GR120BD15</b><br>Microsemi Corporation<br>IGBT 1200V 75A 521W TO247                 | <br><b>APT25GR120SSCD10</b><br>Microsemi Corporation<br>IGBT 1200V 75A 521W D3PAK | <br><b>APT25GR120S</b><br>Microsemi Corporation<br>IGBT 1200V 75A 521W D3PAK | <br><b>APT25GT120BRDQ2G</b><br>Microsemi Corporation<br>IGBT 1200V 54A 347W TO247 |

### APT25GR120SD15 Related keyword

More

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