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|---|--|----------------------------------|
|   | <h2 style="color: red;">APT25GR120SSCD10</h2>  |                                  |
|   | <b>Manufacturer Part Number:</b>   | <a href="#">APT25GR120SSCD10</a> |
|  | <b>Manufacturer/Brand:</b>   | <a href="#">Microsemi</a>        |
|   | <b>Part of Description:</b>  | IGBT 1200V 75A 521W D3PAK        |
| <b>Datasheets:</b>  |  <a href="#">APT25GR120SSCD10.pdf</a> |                                  |
| <b>RoHs Status:</b>   |  Lead free / RoHS                     |                                  |
| <b>Stock Condition:</b>   | Compliant<br>New original, 2538 pcs Stock Available.   |                                  |
| <b>Ship From:</b>   | Hong Kong  |                                  |
| <b>Shipment Way:</b>  | DHL/Fedex/TNT/UPS/EMS  |                                  |
| <p>Image may be representation.<br/>See specs for product details.</p>            |  |                                  |

### Specifications

|   |   |
|---|---|
| Part Number                                 | APT25GR120SSCD10  |
| Manufacturer                                | Microsemi   |
| Description                                 | IGBT 1200V 75A 521W D3PAK                               |
| Category                                    | Discrete Semiconductor Products > Transistors - IGBTs - |
| Part Status                                 | 2538 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                            | 434µJ (on), 466µJ (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   |

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| <br><b>APT25GR120SD15</b><br>Microsemi Corporation<br>IGBT 1200V 75A 521W D3PAK | <br><b>APT25GT120BRDLG</b><br>Microsemi<br>APT25GT120BRDLG Microsemi           | <br><b>APT25GR120B</b><br>Microsemi Corporation<br>IGBT 1200V 75A 521W TO247      | <br><b>APT25GR120BSCD10</b><br>Microsemi Corporation<br>IGBT 1200V 75A 521W TO247 |

### APT25GR120SSCD10 Related keyword

More

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Contact us: [Info@YIC-Electronics.com](mailto:Info@YIC-Electronics.com)

ADD: Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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