


|                               |  |
|-------------------------------|--|
| <b>Sales Region</b>           | Worldwide (except Japan)   |
| <b>Series</b>                 | iQL  |
| <b>Model</b>                  | iQL  |
| <b>Status</b>                 |  Production |
| <b>Option</b>                 |  |
| <b>Option Lineup</b>          | <a href="#">Please refer to here.</a>  |
| <b>Recommended EMC Filter</b> | <a href="#">Please refer to here.</a>  |
| <b>Accessories</b>            | <a href="#">Please refer to here.</a>  |



### Electrical Characteristics

|                           |                                  |
|---------------------------|----------------------------------|
| Nominal Input Voltage[DC] | 48Vdc                            |
| Input Voltage Range[DC]   | 36 to 75Vdc                      |
| Efficiency                | 89% Typ.                         |
| Rated Output Voltage[DC]  | 2.5Vdc                           |
| Output Voltage Range[DC]  | 2 to 2.75Vdc                     |
| Output Current Range      | 0 to 60A                         |
| Maximum Ripple Noise      | 30mV                             |
| Maximum Output Power      | 150W                             |
| Withstanding Voltage1     | Input - Output: 1500DC: min.     |
| Withstanding Voltage2     | Input - Base plate: 1500DC: min. |
| Withstanding Voltage3     |                                  |

### Package Type & Size

|                        |                           |
|------------------------|---------------------------|
| Package / Mounting     | PCB mount                 |
| Width(W)               | 57.9mm Nom. (2.28in Nom.) |
| Height(H)              | 13.2mm Nom. (0.52in Nom.) |
| Depth(D)               | 36.8mm Nom. (1.45in Nom.) |
| Weight                 |                           |
| Industry Standard Size | 1/4 brick size            |
| Terminal Style         | DIP                       |

### Other

|                       |              |
|-----------------------|--------------|
| Operating Temp. Range | -40 to 115°C |
| Isolation             | Isolated     |
| Feature               |              |

! Images are for reference only and show exemplary products.  
! This PDF document was created based on the data listed on the TDK Corporation website.  
! All specifications are subject to change without notice.

|                            |   |
|----------------------------|---|
| Safety Standard(Certified) | IEC60950-1<br>CSA C22.2 No.60950-1<br>EN60950-1<br>UL60950-1<br>VDE 0805-1  |
| Safety Standard(Conformed) |   |
| Remarks                    | This page only shows representative characteristics. Please refer to the technical data for detailed specifications and conditions. |