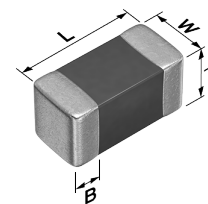


NTCG163JF103FT1S



|              |                                                        |
|--------------|--------------------------------------------------------|
| Applications | Automotive Grade                                       |
| Features     | <div>150°C</div> 150°C<br><div>AEC-Q200</div> AEC-Q200 |
| Series       | NTCG                                                   |
| Status       | Production                                             |
| Brand        | TDK                                                    |



| Size                          |                |
|-------------------------------|----------------|
| Length(L)                     | 1.60mm ±0.10mm |
| Width(W)                      | 0.80mm ±0.10mm |
| Thickness(T)                  | 0.80mm ±0.10mm |
| Terminal Width(B)             | 0.20mm Min.    |
| Recommended Land Pattern (PA) | 0.70mm ±0.10mm |
| Recommended Land Pattern (PB) | 0.70mm ±0.10mm |
| Recommended Land Pattern (PC) | 0.70mm ±0.10mm |

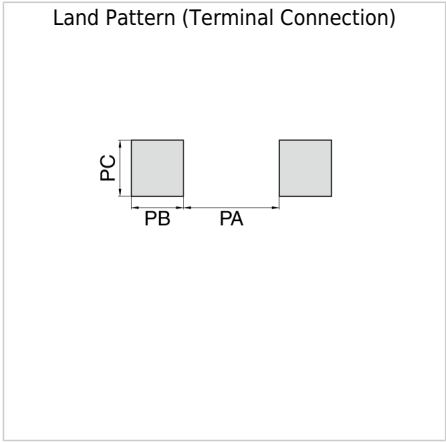
| Electrical Characteristics             |                |
|----------------------------------------|----------------|
| Resistance [at 25°C]                   | 10kΩ           |
| Resistance Tolerance                   | ±1%            |
| B value (Typ.) [25/50°C]               | 3380K          |
| B value (Typ.) [25/85°C]               | 3435K          |
| B value (Typ.) [25/100°C]              | 3453K          |
| B value Tolerance                      | ±1%            |
| Max. Electric Power [at 25°C]          | 125mW          |
| Permissive Operating Current [at 25°C] | 310μA          |
| Thermal Dissipation Constant [at 25°C] | 1mW/°C   1mW/K |

| Other                      |                                    |
|----------------------------|------------------------------------|
| Max. Operating Temperature | 150°C                              |
| Soldering Method           | Reflow                             |
| UL File No.                |                                    |
| AEC-Q200                   | Yes                                |
| Packing                    | Punched (Paper)Taping [180mm Reel] |
| Package Quantity           | 4000pcs                            |
| Weight                     | 0.005g                             |

! 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.



## Associated Images



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