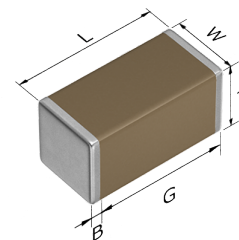


C3216X7S1A226M160AC



**TDK item description** C3216X7S1A226MT\*\*\*\*

|                     |                                                                                                       |
|---------------------|-------------------------------------------------------------------------------------------------------|
| <b>Applications</b> | Commercial Grade<br>Please refer to Part No. <a href="#">CGA5L1X7S1A226M160AC</a> for Automotive use. |
| <b>Feature</b>      | <b>General</b> General (Up to 75V)                                                                    |
| <b>Series</b>       | C3216 [EIA 1206]                                                                                      |
| <b>Status</b>       | Production                                                                                            |



| Size                          |                                                                        |
|-------------------------------|------------------------------------------------------------------------|
| Length(L)                     | 3.20mm ±0.20mm                                                         |
| Width(W)                      | 1.60mm ±0.20mm                                                         |
| Thickness(T)                  | 1.60mm ±0.20mm                                                         |
| Terminal Width(B)             | 0.20mm Min.                                                            |
| Terminal Spacing(G)           | 1.00mm Min.                                                            |
| Recommended Land Pattern (PA) | 2.10mm to 2.50mm(Flow Soldering)<br>2.00mm to 2.40mm(Reflow Soldering) |
| Recommended Land Pattern (PB) | 1.10mm to 1.30mm(Flow Soldering)<br>1.00mm to 1.20mm(Reflow Soldering) |
| Recommended Land Pattern (PC) | 1.00mm to 1.30mm(Flow Soldering)<br>1.10mm to 1.60mm(Reflow Soldering) |

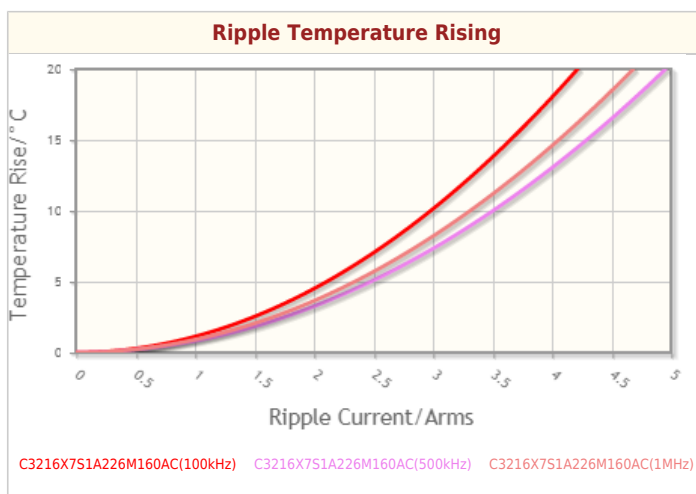
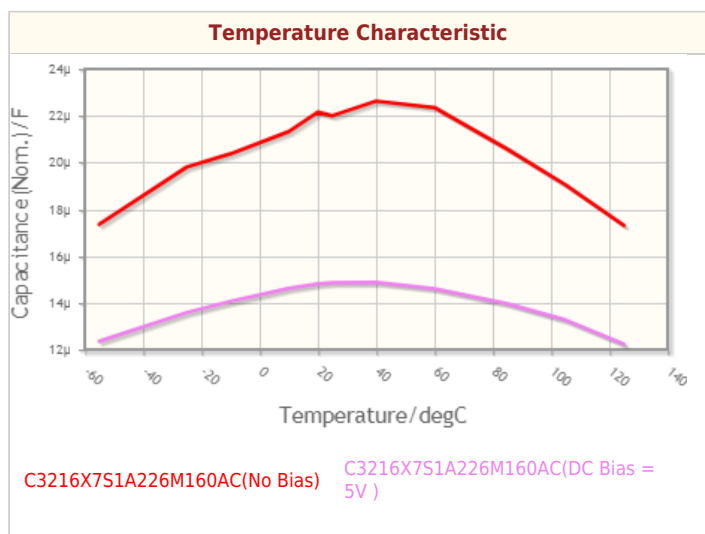
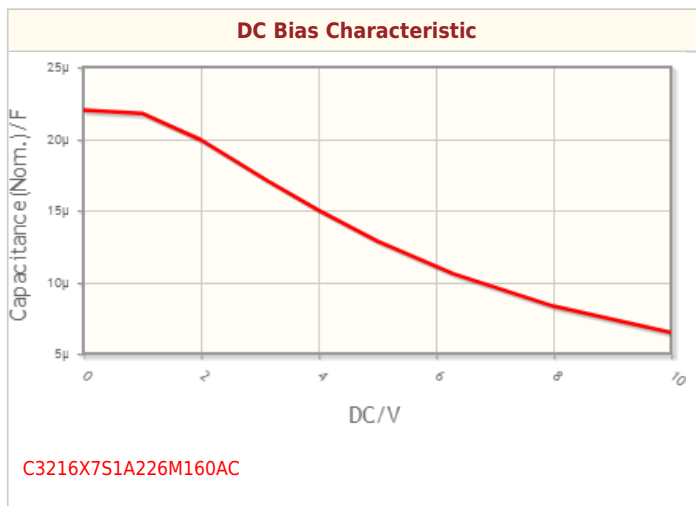
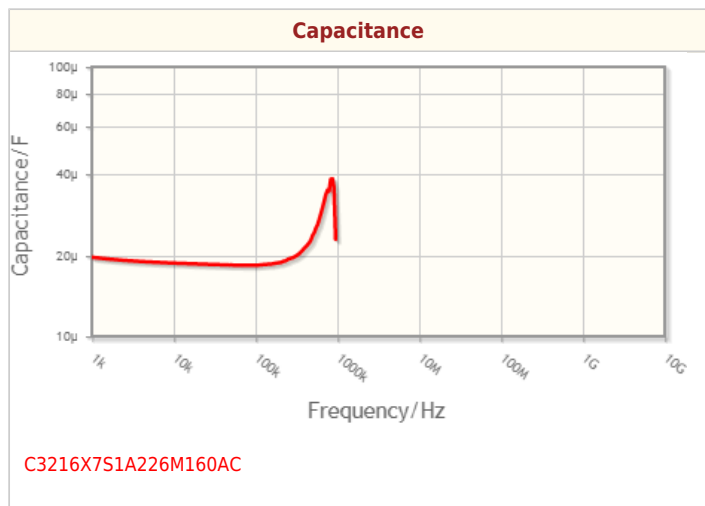
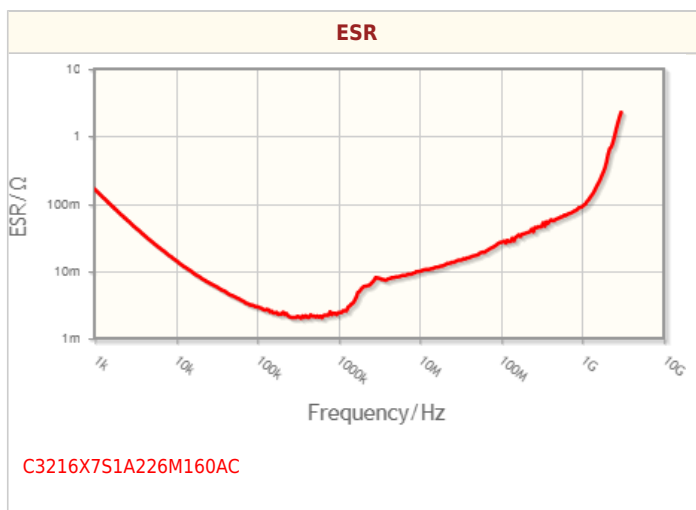
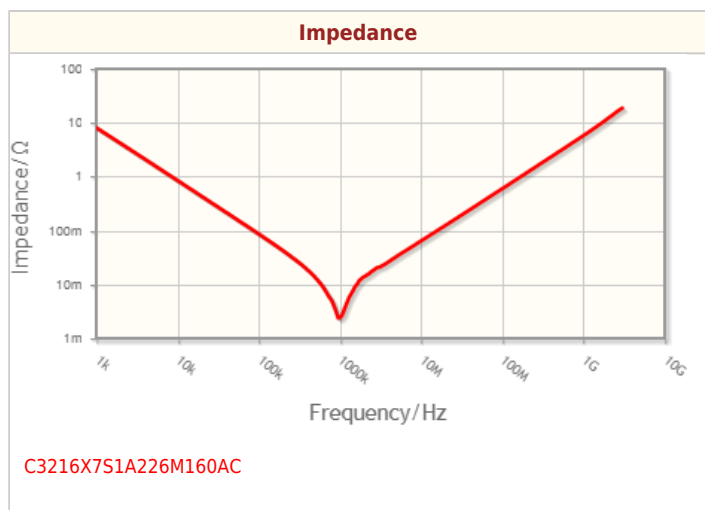
| Electrical Characteristics   |           |
|------------------------------|-----------|
| Capacitance                  | 22μF ±20% |
| Rated Voltage                | 10VDC     |
| Temperature Characteristic   | X7S(±22%) |
| Dissipation Factor (Max.)    | 10%       |
| Insulation Resistance (Min.) | 4MΩ       |

| Other            |                                      |
|------------------|--------------------------------------|
| Soldering Method | Wave (Flow)<br>Reflow                |
| AEC-Q200         | No                                   |
| Packing          | Blister (Plastic)Taping [180mm Reel] |
| Package Quantity | 2000pcs                              |

C3216X7S1A226M160AC

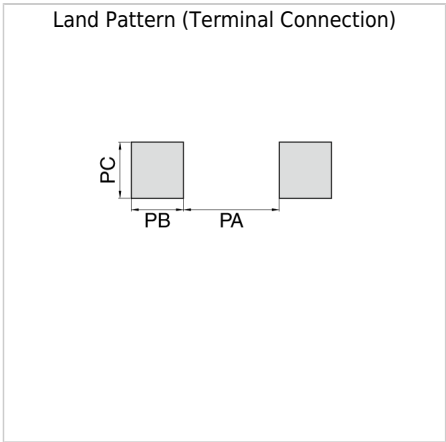


## Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)





# Associated Images



! 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.