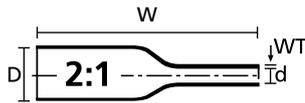


## Technical data sheet

Article number:  
553-72530

**THTT190DS-1X50BK**



<b>Product Group</b>	Shrinkable markers "Ladder Style", thermal transfer
<b>Product Family</b>	THTT DS – 2:1 Aerospace High Temperature "Ladder Style"
<b>Material</b>	Polyvinylidene Fluoride cross-linked (PVDFX)
<b>Colour</b>	Black (BK)
<b>Dielectric Strength [Test method]</b>	20 kV/mm [ASTM D2671]
<b>Elongation at break [Test method]</b>	300 % [ASTM D638]
<b>Heat Aging Test [Test method]</b>	168h/225°C [ASTM D638]
<b>Heat Shock Test</b>	4h/275°C
<b>Longitudinal Change After Shrinkage [Test method]</b>	-10% max. [UL 224]
<b>Low Temperature Test [Test method]</b>	4h/-55°C [ASTM D2671]
<b>Min. Shrink Temperature - °C</b>	+120 °C
<b>Operating Temperature</b>	-55 °C to +225 °C
<b>Package Content packed in</b>	carton
<b>Pack Cont.</b>	500 pcs.
<b>Print Method</b>	thermal transfer print
<b>Recommended Ribbon Type</b>	TTRHT
<b>Recov. Ø d max.</b>	9.5 mm
<b>Shelf Life</b>	24 months
<b>Shrink Ratio</b>	2:1
<b>Specifications</b>	MIL-STD-202G Method 215K, SAE - AS81531
<b>Storage conditions</b>	50% relative humidity., The storage in the original packaging is recommended., Please avoid warehousing under impacts such as high humidity, heat and coldness.
<b>Supplied Ø D min.</b>	19.1 mm
<b>Tensile Strength [Test method]</b>	31 MPa [ASTM D638]
<b>Thermal Transfer Printer</b>	TT431, TT4030DS, TT4030
<b>Volume Resistance [Test method]</b>	$10^{12} \Omega \text{ cm}$ [ASTM D876]
<b>Wall (WT)</b>	0.43 mm
<b>Water Absorption</b>	0.50 %

RoHS

**MIL SAE**

