

tyco Electronics	- SPECIFICATION CONTROL DRAWING	Page 2 of 2	Revision B	SCD Number 44AM116+
CABLE RATINGS AND ADDITIONAL REQUIREMENTS				
	TEMPERATURE RATING: 150°C Maximum continuous conductor temperature VOLTAGE RATING: 600 volts (rms) at sea level BLOCKING: 150 ± 3°C for 6 hours CROSSLINKED VERIFICATION: 200 ± 5°C for 6 hours DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz, 15 seconds (minimum), 30 seconds (maximum) FLAMMABILITY: 30 seconds (maximum); 3 in. (maximum); no flaming of facial tissue IMMERSION: Diameter increase 5% (maximum); no cracking, no dielectric breakdown JACKET COLOR: White preferred JACKET CONCENTRICITY: 70% (minimum) JACKET ELONGATION AND TENSILE STRENGTH: Elongation, 200% (minimum) Tensile Strength, 4000 lbf/in ² (minimum) JACKET FLAWS: Spark Test, 1.5 kV (rms) Impulse Dielectric Test, 6.0 kV (peak) LOW TEMPERATURE-COLD BEND: -55 ± 5°C for 4 hours SHIELD COVERAGE: 85% (minimum) VOLTAGE WITHSTAND TEST (POST ENVIRONMENTAL): 1000 volts (rms), 60 Hz, 1 minute			
	PART NUMBER: The "+" in the part numbers on page 1 shall be re- conductor material designators as follow: 1 tin coated copper 2 silver coated copper 3 nickel coated copper 4 silver coated high strength copper alloy 6 nickel coated high strength copper alloy 1 the part numbers on page 1 shall be re- with a slash separating the component wire color wire colors from the jacket color. Colors shown of 1/ Example: AWG 24, tin-coated copper, black, white jacket: 44AM1161-24-0/1/2/3	y (AWG's 26-16 by (AWG's 26-2 eplaced by colo ors and a dash s do not necessa brown, red, ora	6 only) 20 only) or code des separating rily reflect	signators the component the sequence of manufacturing.
	$\underline{1}$ / See footer section on page 1.			

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TE Connectivity: 44AM1161-22-MST6-9CS2275 44AM1161-26-MST6-9CS2275