SPECIFICATION CONTROL DRAWING				7530A1817
CHEMINIAY			Date	4-30-07
OTENINAA		TRANDS OF 38 AWG, COAXIAL CABLE	Revision	A
		RT OF THE LATEST ISSUE OF RAYCHEM S		
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS		
IENSIONS ARE NOMINAL VALUES SIGNATED.	S IN INCHES UNLESS OTHERWISE			
			75 ± 3 ohms,	
			17.5 pF/ft. (no	,
٩		VELOCITY OF PROPAGATION	77% (nomina)
	CONDUCTOR AWG 30, 7 strands of			
0127	AWG 38, Tin-Coated Copper Clad Steel	ADDITIONAL RE	ADDITIONAL REQUIREMENTS	
	Copper Clau Steer			
	DIELECTRIC			
.054	Rayfoam* L	CONDUCTOR RESISTANCE	255. ohms/1000 ft. (nominal)	
	Color - Natural	INSULATION RESISTANCE	10,000 megohms (minimum)	
		JACKET FLAWS	for 1000 ft.	
	SHIELD	SPARK TEST	1.0 kV (rms)	
	AWG 38 Tin-Coated Copper	IMPULSE TEST	6.0 kV (peak)	
	Tin-Coaled Copper	VOLTAGE WITHSTAND (DIELECTRIC)	1000 volts (rn	ns) (minimum)
		ENVIRONMENTAL		
		FLAMMABILITY	Method B	
		HEAT SHOCK	225°C	
		LOW TEMPERATURE-COLD BEND	-30°C/2.75 in	ch mandrel
	JACKET Zerohal*	VOLTAGE WITHSTAND (Post Environmental)	1000 volts (rms) (minimum)	
		(Fost Environmental)		
		PHYSICAL		
		INSULATION (DIELECTRIC)		
		ELONGATION	50% (minimu	m)
		TENSILE STRENGTH	1000 lbf/in ² (n	ninimum)
		JACKET		
		ELONGATION	150% (minim	um)
* in a trademark of Type Electronics Corporation		TENSILE STRENGTH	1200 lbf/in ² (minimum)	
* is a trademark of Tyco Electronics Corporation.		JACKET THICKNESS	.013 inch (nominal)	
Outer jacket color will be black (designated by a "-0" appended to the part number, e.g. 7530A1817-0) unless otherwise specified.		SHIELD COVERAGE	90% (minimu	m)
	h a dash number in accordance]		
vith MIL-STD-681. Other codes he part number, as necessary,	s and suffixes may be added to to capture any additional			
requirements imposed by the p		WEIGHT	6.7 lbs/1000 f	

Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice. Tyco Electronics also reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to Buyer.



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THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.