

TABLE I. CONSTRUCTION DETAILS							
			DIAMETER OF STRANDED CONDUCTOR (inch)		FINISHED WIRE		
PART NUMBER <u>1</u> /	WIRE SIZE (AWG)	CONDUCTOR STRANDING (number x AWG)			MAXIMUM RESISTANCE AT 20°C	DIAMETER (inch)	MAXIMUM WEIGHT
			MINIMUM	MAXIMUM	(ohms/1000 ft.)	((lbs/1000 ft.)
55A0814-26-*	26	19 x 38	.018	.020	44.8	.040 ± .002	1.70
55A0814-24-*	24	19 x 36	.023	.024	28.4	.045 ± .002	2.30
55A0814-22-*	22	19 x 34	.029	.031	17.5	.050 ± .002	3.30
55A0814-20-*	20	19 x 32	.037	.039	10.7	.058 ± .002	4.80
55A0814-18-*	18	19 x 30	.046	.050	6.8	.070 ± .003	7.50

TABLE II. PERFORMANCE DETAILS						
PART NUMBER <u>1</u> /	MANDREL DIAMETE (inch) (± 3%)	R	WEIGHT (Ib) (± 3%)			
	LIFE CYCLE, IMMERSION, AND ACCELERATED AGING	COLD BEND	LIFE CYCLE, IMMERSION, AND ACCELERATED AGING	COLD BEND		
55A0814-26-*	.375	1.00	.500	3.00		
55A0814-24-*	.500	1.00	.750	3.00		
55A0814-22-*	.500	1.00	1.00	3.00		
55A0814-20-*	.500	1.00	1.50	4.00		
55A0814-18-*	.750	1.50	2.00	4.00		

Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice. Tyco Electronics Corporation also reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to Buyer.					
1/ COLORS AND COLOR CODE DESIGNATORS SHALL BE IN ACCORDANCE WITH MIL-STD-681. OTHER CODES AND SUFFIXES MAY BE ADDED TO THE PART NUMBER, AS NECESSARY, TO CAPTURE ANY ADDITIONAL REQUIREMENTS IMPOSED BY THE PURCHASE ORDER.					
Page 1 of 2	Raychem, TE Connectivity, TE Connectivity (logo), and TE (logo) are trademarks.		Raychem Wire & Cable		
	DIMENSIONS ARE IN INCHES AND, UNLESS OTHERWISE DESIGNATED, ARE NOMINAL.		501 Oakside Avenue Redwood City, CA 94063-3800		
	THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.	connectivity	Phone: 1-800-522-6752 Fax: 1-650-361-6297		

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WIRE RATINGS AND ADDITIONAL REQUIREMENTS	
<pre>VIRE RATINGS AND ADDITIONAL REQUIREMENTS VIET RATING: 200°C Maximum continuous conductor temperature VIET AGE RATING: 600 volts (rms) at sea level VIET AGE RATING: 600 volts (rms) at sea level VIET AGE RATING: 600 volts (rms) at sea level VIET AGE RATING: 600 volts (rms) at sea level VIET AGE RATING: 600 volts (rms) at sea level VIET AGE RATING: 600 volts (rms) at sea level VIET AGE RATING: 600 volts (rms) at sea level VIET AGE RATING: 600 volts (rms) at sea level VIET AGE RATING: 200 ± 3°C for 24 hours VIET AGE RATING: 200 ± 3°C for 24 hours VIET AGE RATING: 70% (minimum) VIET AGE RATING: 70% (minimum) VIET AGE RATING: 70% (minimum) VIET AGE RATING: 70% (minimum), 50 contengents for 1000 ft. (minimum) VIET AGE RATING: 70% (minimum), 500 g weight VIET AGE RATING: 70% (MIENTALINE), 70% (MIENTALINE)</pre>	
 WRAP TEST: 313 ± 3°C for 2 hours <u>1</u>/ PART NUMBER: The "*" in the part numbers in Tables I and II shall be replaced by a color code designator. Example: AWG 22, white: 55A0814-22-9 	
AWG 22, white with a black stripe: 55A0814-22-90	