

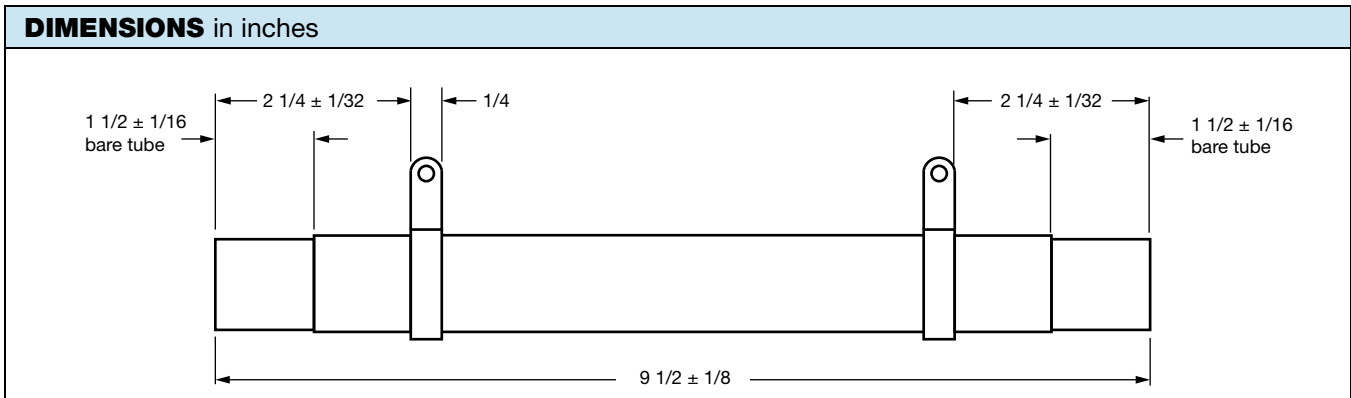
## Wirewound, 300 W Liquid Cooled Load Resistor

### FEATURES

- Insulation is fitted over copper tubing
- Resistance element alloy wire is precisely wound onto the tube and then spot welded to the terminal bands
- Wire is “locked” onto the core with a silicone coating
- Units can be wound non-inductively with Ayrton-Perry winding for the lowest reactive component



STANDARD ELECTRICAL SPECIFICATIONS			
GLOBAL MODEL	POWER RATING W	RESISTANCE RANGE $\Omega$	TOLERANCE $\pm$ %
CS71	300	0.25 to 37K	5



TECHNICAL SPECIFICATIONS		
PARAMETER	UNIT	RESISTOR CHARACTERISTICS
Power rating	W	300 cooled with 1 gal/min of 17 °C water
Resistance range	$\Omega$	0.25 to 37K
Resistance tolerance	%	5 (standard)
Dielectric withstanding voltage	$V_{AC}$	3000 RMS

GLOBAL PART NUMBER INFORMATION																	
Global Part Numbering example: CS710300R3000B9123 (CS71 300 W 0.3 $\Omega$ Bulk 1234)																	
C	S	7	1	0	3	0	0	R	3	0	0	0	B	9	1	2	3
MODEL (2 digits)		TYPE (2 digits)		SIZE (4 digits)				VALUE (5 digits)				PACKAGING (1 digit)	SPECIAL (4 digits)				
CS		71 = watercooled		Sample Sizes: K = thousand 0300 = 300 W				Sample Sizes: R = decimal K = thousand  R1500 = 0.15 $\Omega$ 1K500 = 1.5 k $\Omega$ resultant wattage				B = bulk	9123 = inductive 8968 = noninductive				



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