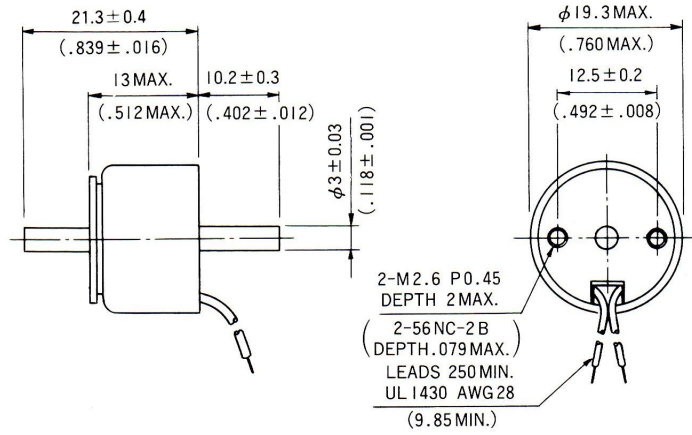
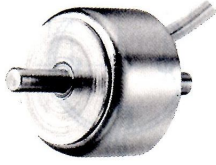
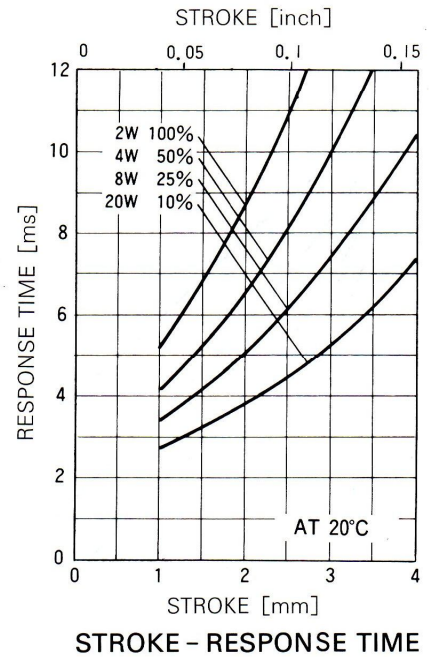
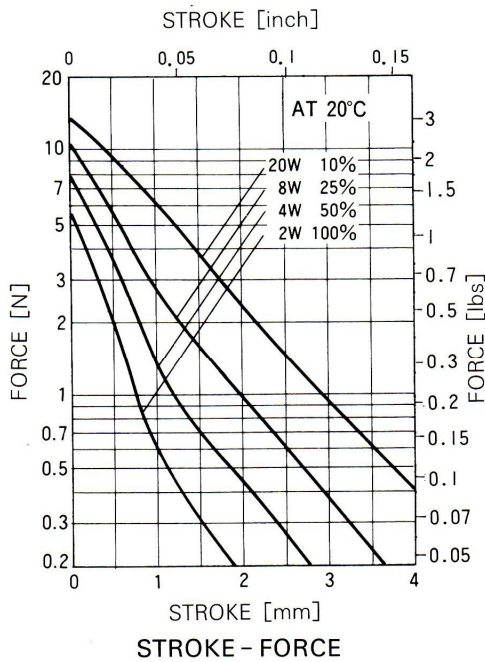


SIZE190C SMALL PUSH PULL SOLENOID

UNIT : $\frac{\text{mm}}{\text{(inch)}}$
SHOWN ENERGIZED



WEIGHT : 20g
PLUNGER : 4g



COIL DATA

without heat sink

	duty cycle = $\frac{\text{"on" time}}{\text{"on" time} + \text{"off" time}} \times 100\%$		100% continuous	50% or less	25% or less	10% or less
	MAX. "on" time in seconds		∞	100	36	7
	watts at 20°C		2	4	8	20
	ampere-turns at 20°C		170	240	340	537
type no.	resistance Ω ± 10% (at 20°C)	no. turns	volts DC			
M190C-3V F190C-3V	4.9	295	3	4.2	6	9.5
M190C-6V F190C-6V	21.5	620	6	8.5	12	19
M190C-12V F190C-12V	89	1230	12	17	24	38
M190C-24V F190C-24V	307	2120	24	34	48	76