

# Radio Phone S65-5366-Series



U.S. Patent No. 3,220,006

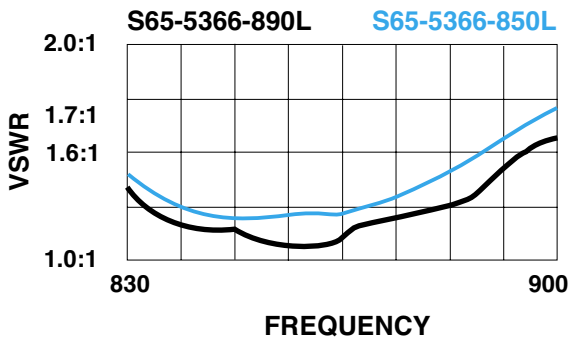
## DESCRIPTION

**S65-5366-850L:** Rugged, high-efficiency, all-metal aluminum casting. DC grounded. Hermetically sealed. For commercial, military and general aviation aircraft applications. For use with radio telephone, airphone and cellular systems.

**S65-5366-890L:** Same as (-850L) except for frequency of 840-900 MHz and six-hole bolt pattern.

**FEDERAL & MILITARY SPECS:** FAA TSO C66a, TSO C74, DO-160, MIL-STD-810, MIL-A-9094, MIL-A-25708, MIL-STD-877, MIL-E-5400, MIL-B-5087.

## PERFORMANCE

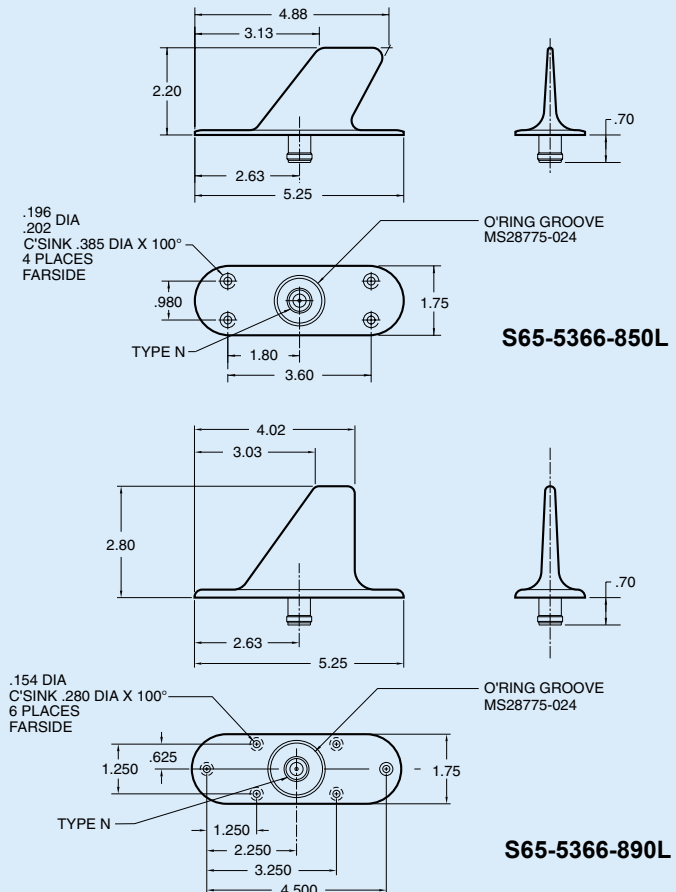


## SPECIFICATIONS

### RADIO - TELEPHONE

	S65-5366-850L	S65-5366-890L
<b>ELECTRICAL</b>		
Frequency .....	830-890 MHz	840-900 MHz
VSWR .....	1.6:1	1.7:1
Pattern .....	Omni/Az	Omni/Az
	Cos/EI	Cos/EI
Polarization .....	Vertical	Vertical
Impedance .....	50 ohms	50 ohms
Power .....	2000 w/peak	2000 w/peak
	100 w/cont	100 w/cont
Lightning Protection .....	DC grounded _____	
<b>MECHANICAL</b>		
Weight .....	5 oz. _____	
Height .....	2.2 in.	2.80 in.
Material .....	A356-T61 aluminum casting _____	
Finish .....	Skydrol resistant enamel _____	
Connector .....	N _____	
Drag .....	1 oz. Mach .85@ 35,000 ft.	
<b>ENVIRONMENTAL</b>		
Temperature .....	-65°F to +185°F _____	
Vibration .....	10 G's _____	
Altitude .....	70,000 ft. _____	

## OUTLINE DRAWING



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