

## SOLAR 9120-1N BULK INJECTION PROBE.

### 1.3. Specifications:

Frequency range: ..... 4 MHz to 1 GHz

Maximum input power: ..... 50 watts (see note)

Maximum input current: ..... 30 Amperes

Maximum time for continuous rating at full power: ..... 30 minutes

Recommended maximum temperature rise: ..... 35 degrees C

Maximum core temperature: ..... 80 degrees C

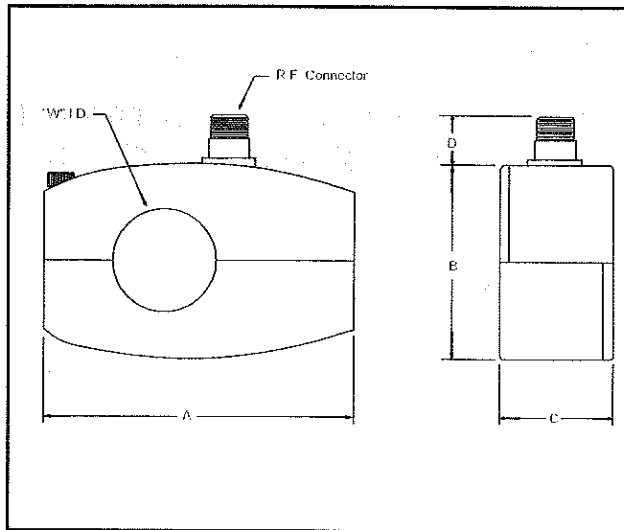
Turns ratio: ..... 1:1

Input receptacle: ..... Type "N" Female

Weight: ..... 0.57 kg (1.25 lbs.)

Fastening: ..... Thumb Screw

### Dimensions:



A:	4.50"	(114.0mm)
B:	3.00"	(76.0mm)
C:	1.75"	(35.0mm)
D:	0.75"	(19.0mm)
W:	1.25"	(32.0mm)



### NOTE

The power limit specified is 50 watts for 30 minutes. Powers in excess of 50 watts may be used with care, using a shorter than 30 minute time period to limit temperature rise. Also, the RF current through the coil winding should be monitored to prevent thermal failure.

SOLAR ELECTRONICS CO.

SOLAR TYPE 9120-1N BULK CURRENT INJECTION PROBE.  
INSERTION LOSS MEASURED IN A 50 OHM SYSTEM.

FIGURE 1

