

M A X O N

SPECIFICATION

DESCRIPTION			
MODEL NO.	HP - FRS - Mars/Saturn		
APPROVED. DATE	2002. 04. 23		
MAXON			
HIGH POWER COMMUNICATION	DRAWN	CHECKED	APPROVE D



**HIGH POWER COMMUNICATION CO.,
LTD.**

()

169-26, YOUK GOK-3DONG SO SA-GU,

BUCHUN-CITY, KYUNG GI-DO, KOREA

TEL: 82-32-343-4631,3,4 FAX:82-32-343-4632

Home page : <http://www.hpcomm.co.kr>

e-mail : hpcomm@kotis.net

INTRODUCTION

THIS ANTENNA IS DESIGNED TO USE WITH PORTABLE RADIO IN THE
FREQUENCY BAND 465 FOR A HELICAL ANTENNA.

1. ELECTRICAL SPECIFICATION

1-1 USE FREQUENCY : $465 \pm 3\%$

1-2 RADIATION PATTERN : OMNI DIRECTIONAL

1-3 POLARIZATION : VERTICAL

1-4 IMPEDANCE : 50 OHMS NOMINAL

2. MECHANICAL SPECIFICATION

2-1 MATERIAL : BsBM, NI-PLATE

2-2 LENGTH : 57.3 ± 1.0

3. MODEL NUMBER

HP - FRS - Mars/Saturn

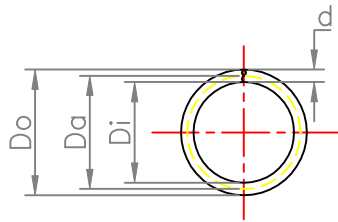
TYPE

FREQUENCY

()

HIGH POWER COMM.CO., LTD

UNLESS OTHERWISE SPECIFIED TOLERANCES	
0 ~ 4	±0.1
5 ~ 16	±0.15
17 ~ 63	±0.2
64 ~ 250	±0.3
251 ~	±0.5

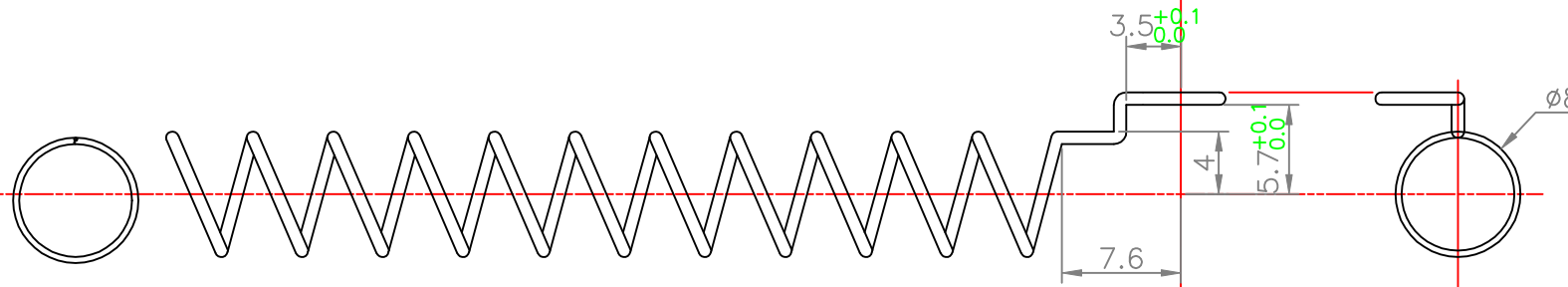
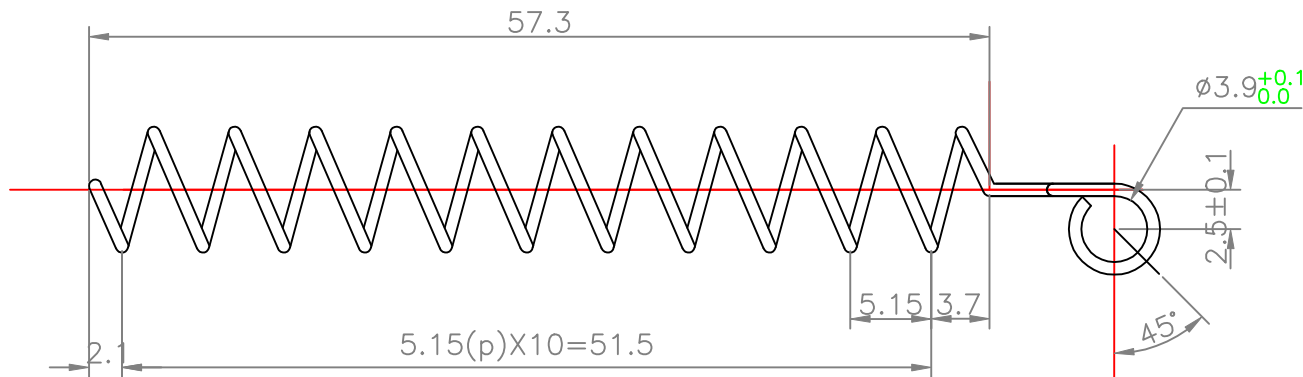


$Do = \phi 8.0^{+0}$
 $Da = \phi 7.2$
 $Di = \phi 6.4$
 $d = \phi 0.8$
 DIRECTION = RIGHT

NO	DESCRIPTION	MATERIAL	SIZE	Q'TY
1	ELEMENT	BsBM, NI-PLATE	$\phi 8.0 \times 57.3L$	1
2				
3				
4				



scale=1/1



NOTES

- 1, MATERIAL : SWP3
- 2, FINISH = Ni-PLA

CONTROLLED DRAWING

This drawing is the property of H.P. COMM
 Expressed technical contents are
 not to be reproduced or loaned without
 written permission from H.P. COMM



HIGH POWER COMMUNICATION			NAME OF TITLE	
			ELEMENT	
SCALE			MODEL No.	
2/1			HP-FRS-Mars/Saturn	
UNITS			USE FREQUENCY (MHz)	
mm			465±3%	
DATE				
02.04.23				
DRAWN/DESIGNED				
H.H.YU				
CHECKED				
J.M.LEE				
APPROVED				

NO	DATE	DESCRIPTION OF REVISION	SIGN
4			
3			
2			
1			

