
Reference	Approved	Origin date	Issue date	Issue	Page	Document
HNg	HW	2003-11-13	2003-11-13	A	2 (2)	WS 8286S/00

RF DATA

Frequency range	2.6 – 3.95 GHz
VSWR	1.05
Insertion loss	0.1 dB
Isolation	80 dB
Peak power	1 MW at 0.1 MPa abs., +25°C
Average power	8 kW
Flange interface	MIL-DTL-3922/52C-032 Modified with M6, thread depth min 8

ACTUATOR DATA

Operating voltage	28±3 V DC
Operating current	1 A, Self cut off
Switching time	200 ms
Duty (min time between successive operations)	500 ms -20°C to +40°C linearly increasing to 2 s at +70°C
Connector	MS 3112E 10-6P
Mating connector	MS 3116F 10-6S or eq.

POSITION INDICATOR

Voltage / Current	30 V Max, 100 mA Max Resistive load
-------------------	-------------------------------------

MECHANICAL DATA

Material	Aluminium alloy, Cu free
Finish	Chromate per MIL-C-5541 and black painted
Air pressure	0.1 MPa overpr. Max
Air leakage	10 cm ³ /min (0.1 MPa overpr.) Max
Weight	2.5 kg Max
Life	250 000 actuations

ENVIRONMENTAL DATA

Ambient temperature	-20°C to +70°C
Vibration	5 – 18 Hz, 3 mm amplitude 18 – 2000 Hz, 15 g
Humidity	100%RH if dry air in waveguide