

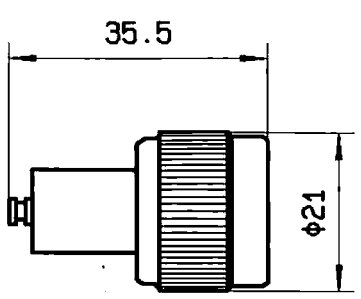
This information is given as an indication. In the continual goal to improve our products, we reserve the right to make any modifications judged necessary.



1 W 4 GHz N/m REFERENCE MISMATCHES

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DRAWING



DESCRIPTION

These VSWR mismatches are provided with specified VSWR values from 1.00 (perfect matching) to 2.00. They are useful as standards of reflection to meet the requirements for calibrating reflectometer setups and other impedance measuring equipment. They are also used to simulate under test specific mismatches, which would be encountered on the terminals of components once the component is installed in the actual system. They can be supplied separately or in a boxed set of 4 mismatches with VSWR values of 1.00, 1.20, 1.50, and 2.00.

General tolerances: +/- 0.5 mm

ELECTRICAL CHARACTERISTICS

FREQUENCY RANGE	:	DC - 4GHz
IMPEDANCE	:	50 Ohms
AVERAGE POWER HANDLING	:	1 W at 25°C
PEAK POWER HANDLING	:	500 W (1 μs, 1%.) at 25°C
V.S.W.R :	R 404240000	: 1.00
	R 404180000	: 1.20
	R 404181000	: 1.50
	R 404182000	: 2.00
V.S.W.R ACCURACY :	DC - 1 GHz	: <= ± 3 %
	1 - 4 GHz	: <= ± 5 %

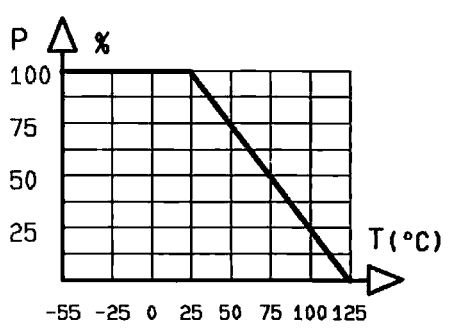
MECHANICAL CHARACTERISTICS

CONNECTOR	:	N male per MIL C 39012
MAXIMUM WEIGHT	:	40 grams

ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE RANGE (°C)	:	-55 , +125
STORAGE TEMPERATURE RANGE (°C)	:	-55 , +125

Power derating
Versus temperature



CREATION					
N° :					
PEN/EP:CAT					
Nom :KL	11.mar.94	New format	VE	PG	
Date:16.mar.92	15.oct.92	New format	PG		
APP.:	<i>[Signature]</i>				
	ISSUE		REVISIONS	NAME	APPR.

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