



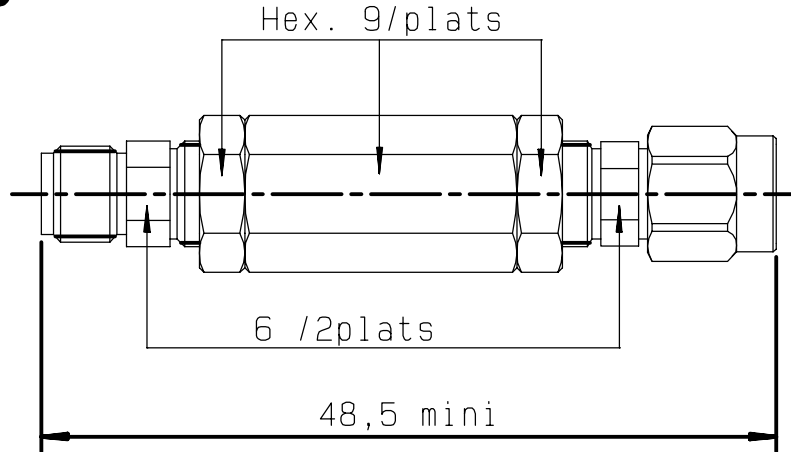
0- 18 GHz SMA COAXIAL PHASE SHIFTER

issue
01.mar.04

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DRAWING

General tolerances: +/- 0.5 mm



R F CHARACTERISTICS

FREQUENCY RANGE : 0 - 18 GHz
 IMPEDANCE : 50 Ohms
 INSERTION LOSS : $\leq 0.1 \times \sqrt{F \text{ (GHz)}}$ dB
 V.S.W.R : 0 - 18 GHz : $\leq 1.05 + 0.014 \times F \text{ (GHz)}$
 PHASE SHIFT RANGE : $10^\circ \times F \text{ (GHz)}$
 PHASE SHIFT RANGE PER ROTATION : $0.6^\circ \times F \text{ (GHz)}$

MECHANICAL CHARACTERISTICS

CONNECTORS : SMA male/female per MIL-C 39012
 WEIGHT : < 20 g
 MAXIMUM LENGHT VARIATION : 8.6 mm

ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE RANGE (°C) : -40 , +85
 STORAGE TEMPERATURE RANGE (°C) : -55 , +85

MATERIALS AND FINISHES

CENTER CONTACT : Beryllium copper plated Ni 2 Au 2.5
 BODY : Beryllium copper plated Ni 5
 INSULATOR : PTFE
 NUT : Brass plated Ni 2

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.

4112-9212

CREATION					
N° : 930014023					
PEN/EP:93217					
Name:MLG	01/03/04	Add materials and finishes	A.F		
Date:03.may.94	21/10/02	A -> B DM02-10-015	JA.C	V. P	
APP.:VE	ISSUE	REVISIONS	NAME	APPR.	

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