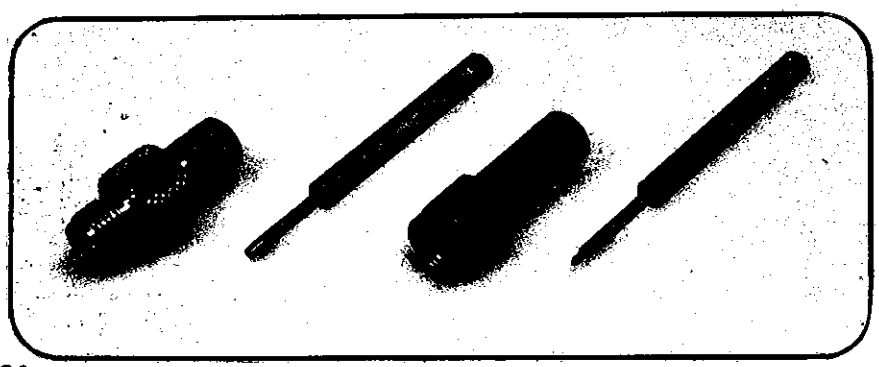
OPEN - CIRCUIT TERMINATIONS
3.5mm (APC3.5) CONNECTORS

8048 SERIES

12 JUNE 1986



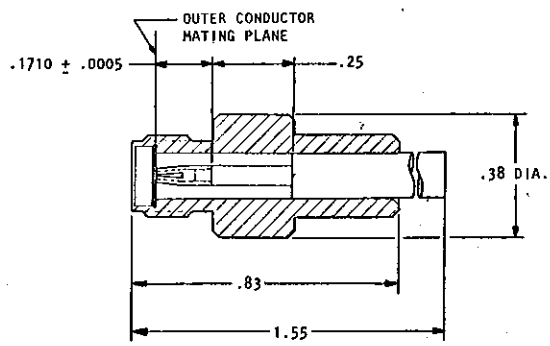
● DESCRIPTION

The Maury Microwave Models 8048A and 8048B are female and male 3.5mm open-circuit terminations. These precision terminations present a well shielded open-circuit 0.1710 ± .0005 in. from the mating plane of the connectors. Both models are 100% electrically tested using the HP8510 Vector Automatic Network Analyzer (VANA). Additional center conductors are available as replacement parts. These are Models 8048C1 (Female) and 8048C2 (Male).

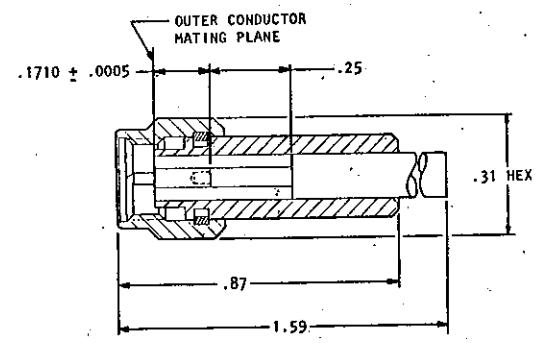
● SPECIFICATIONS

Frequency Range . . . . . DC to 26.5 GHz
Offset Length . . . . . 0.1710 ± .0005 in.
Capacitance Factors . . . . . (See Chart)

● DIMENSIONS



Model 8048A



Model 8048B

MODEL NO.	DESCRIPTION
8048A	Open, Female
8048B	Open, Male
8048C1	Replacement Center Conductor Assembly for Model 8048A
8048C2	Replacement Center Conductor Assembly for Model 8048B

CAPACITANCE FACTORS - HP8510 VANA			
C_0 $X10^{-15}F$	C_1 $X10^{-27}F/Hz$	C_2 $X10^{-36}F/Hz^2$	C_3 $X10^{-45}F/Hz^3$
48.0	300.0	15.0	0.0
CAPACITANCE FACTORS - HP8409 VANA			
K_1 pf	K_2 $X10^{-15}pf/MHz$	K_3 $X10^{-11}pf/MHz^2$	-
0.048	3.0	1.5	-

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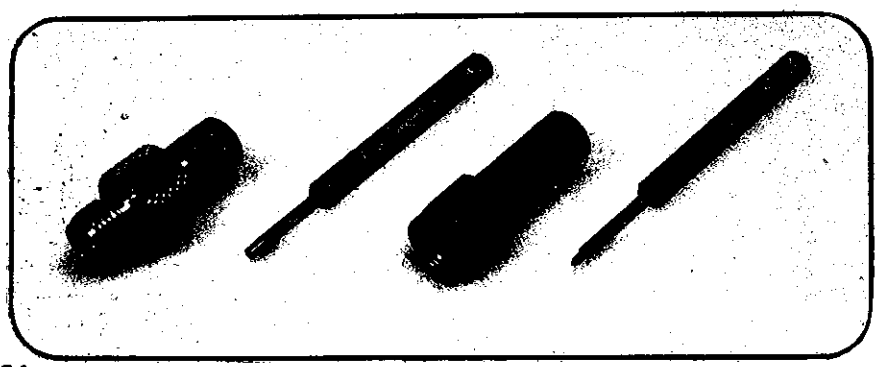


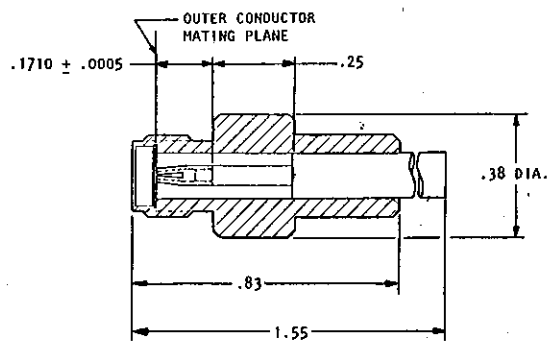
● DESCRIPTION

The Maury Microwave Models 8048A and 8048B are female and male 3.5mm open-circuit terminations. These precision terminations present a well shielded open-circuit 0.1710 ± .0005 in. from the mating plane of the connectors. Both models are 100% electrically tested using the HP8510 Vector Automatic Network Analyzer (VANA). Additional center conductors are available as replacement parts. These are Models 8048C1 (Female) and 8048C2 (Male).

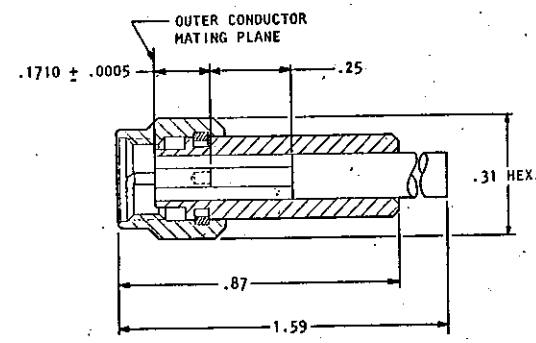
● SPECIFICATIONS

Frequency Range . . . . . DC to 26.5 GHz
Offset Length . . . . . 0.1710 ± .0005 in.
Capacitance Factors . . . . . (See Chart)

● DIMENSIONS



Model 8048A



Model 8048B

MODEL NO.	DESCRIPTION
8048A	Open, Female
8048B	Open, Male
8048C1	Replacement Center Conductor Assembly for Model 8048A
8048C2	Replacement Center Conductor Assembly for Model 8048B

CAPACITANCE FACTORS - HP8510 VANA			
C_0 $X10^{-15}F$	C_1 $X10^{-27}F/Hz$	C_2 $X10^{-36}F/Hz^2$	C_3 $X10^{-45}F/Hz^3$
48.0	300.0	15.0	0.0
CAPACITANCE FACTORS - HP8409 VANA			
K_1 pf	K_2 $X10^{-15}pf/MHz$	K_3 $X10^{-11}pf/MHz^2$	-
0.048	3.0	1.5	-

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