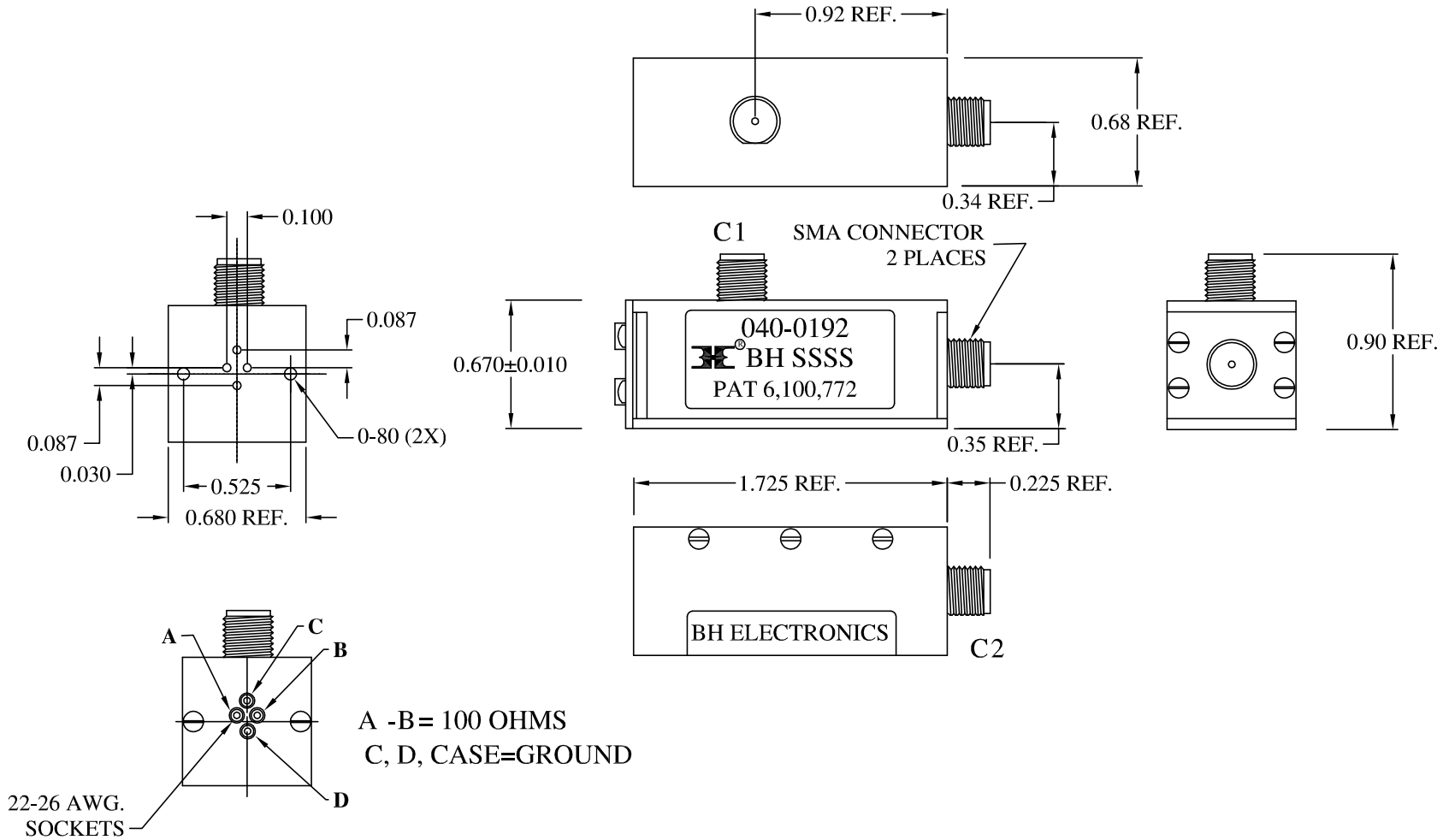

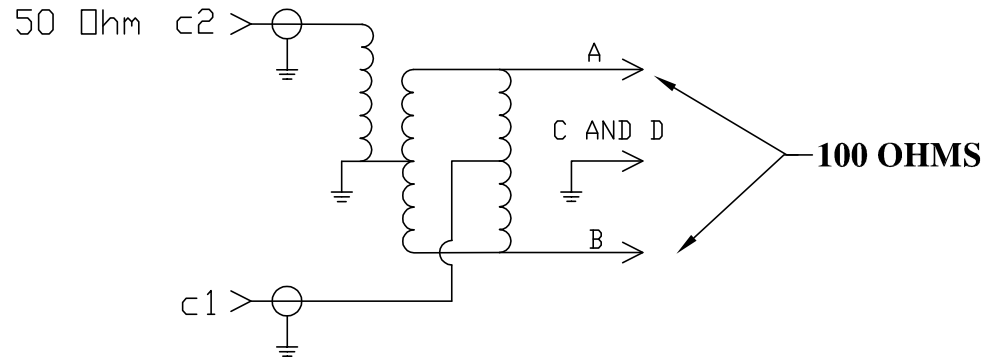


MECHANICAL



				DESIGN PER:	BH CATALOG	 BHELECTRONICS, INC. BURNSVILLE & MARSHALL, MN © 1998 BH Electronics
				<input type="checkbox"/> CUSTOM	<input type="checkbox"/> NON-PROPRIETARY	
D	5-11-11	ECR #8962 ADD CM REJECTION	<i>MSD</i>	DRAWN:	K. LOFTUS	TITLE: TEST BALUN
C	6-25-08	REVISE LABEL	NGD	ENGR:	N. DOOSE	
B	1-14-08	NON-PROPRIETARY	NGD	UNLESS OTHERWISE SPECIFIED: DIMENSIONS IN INCHES, TOLERANCES NON-CUMULATIVE .XX±.01 .XXX±.005		PART NO. 040-0192
A	9-29-06	CUSTOMER PRINT (Q12136)	NGD			
ISSUE	DATE	REVISION	BY	PAGE 1 OF 3		

SCHEMATIC



ELECTRICAL SPECIFICATIONS

INSERTION LOSS (BACK TO BACK): 3.6dB MAX. 1 MHz - 15 MHz
 2.4dB MAX. 15 MHz - 250 MHz
 2.8dB MAX. 250 MHz - 350 MHz
 3.6dB MAX. 350 MHz - 650 MHz

RETURN LOSS (BIDIRECTIONAL): 12dB MIN. 1 MHz - 15 MHz
 20dB MIN. 15 MHz - 550 MHz
 17.5dB MIN. 550 MHz - 650 MHz


RETURN LOSS (COMMON MODE): 15dB MIN. 1 MHz - 15 MHz
 20dB MIN. 15 MHz - 400 MHz
 15dB MIN. 400 MHz - 650 MHz

LONGITUDINAL BALANCE: 60dB MIN. 1 MHz - 350 MHz
 50dB MIN. 350 MHz - 650 MHz

COMMON MODE REJECTION: 50dB MIN. (1-500 MHz), 45dB MIN. (500-650 MHz)

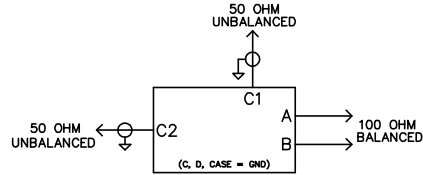
OUTPUT SIGNAL BALANCE: 50dB MIN. (1-500 MHz), 45dB MIN. (500-650 MHz)

INPUT POWER, ALL PORTS: 0.1W CONTINUOUS, 0.4W MAXIMUM

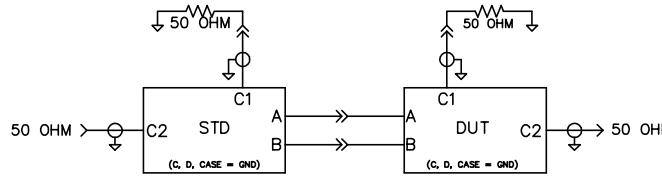
				DESIGN PER:	 BHELECTRONICS, INC. BURNSVILLE & MARSHALL, MN © 1998 BH Electronics
				BH CATALOG	
				<input type="checkbox"/> CUSTOM <input type="checkbox"/> NON-PROPRIETARY <input checked="" type="checkbox"/> X	
				DRAWN: K. LOFTUS	
D	5-11-11	ECR #8962 ADD CM REJECTION	<i>ngd</i>	ENGR: N. DOOSE	TITLE: TEST BALUN
C	6-25-08	REVISE LABEL	NGD	UNLESS OTHERWISE SPECIFIED: DIMENSIONS IN INCHES, TOLERANCES NON-CUMULATIVE .XX±.01 .XXX±.005	PART NO. 040-0192
B	1-14-08	NON-PROPRIETARY	NGD		
A	9-29-06	CUSTOMER PRINT (Q12136)	NGD		
ISSUE	DATE	REVISION	BY	PAGE 2 OF 3	

TEST CONFIGURATIONS

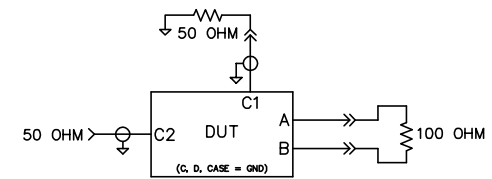
PORT DETAILS



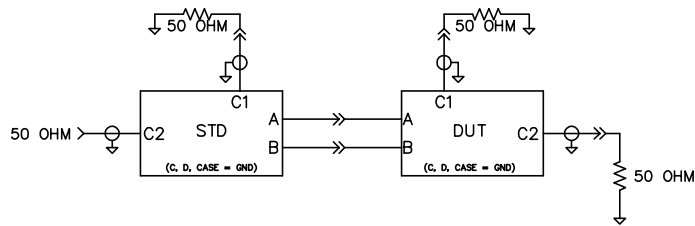
INSERTION LOSS
(2 UNITS BACK TO BACK)



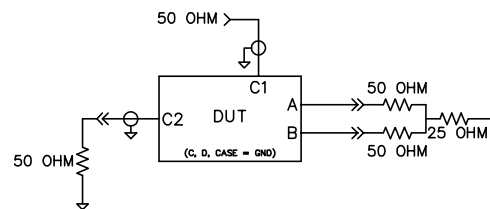
RETURN LOSS
50:100 OHM



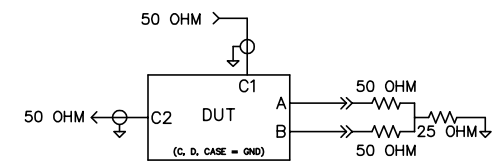
RETURN LOSS
100:50 OHM



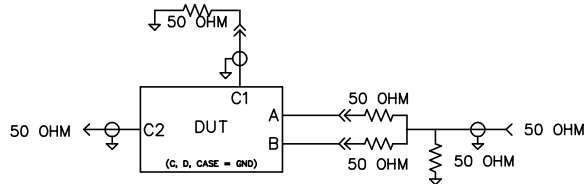
RETURN LOSS
COMMON MODE



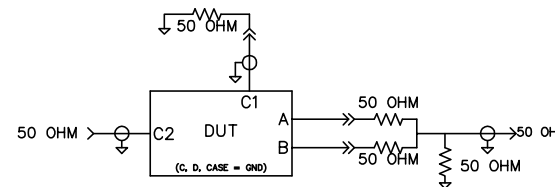
LONGITUDINAL
BALANCE



COMMON MODE
REJECTION



OUTPUT SIGNAL
BALANCE



ISSUE	DATE	REVISION	BY
D	5-11-11	ECR #8962 ADD CM REJECTION	ngd
C	6-25-08	REVISE LABEL	NGD
B	1-14-08	NON-PROPRIETARY	NGD
A	9-29-06	CUSTOMER PRINT (Q12136)	NGD

DESIGN PER:	BH CATALOG
CUSTOM	NON-PROPRIETARY
DRAWN:	K. LOFTUS
ENGR:	N. DOOSE
UNLESS OTHERWISE SPECIFIED: DIMENSIONS IN INCHES, TOLERANCES NON-CUMULATIVE .XX±.01 .XXX±.005	
PAGE 3 OF 3	

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TITLE: **TEST BALUN**

PART NO. **040-0192**