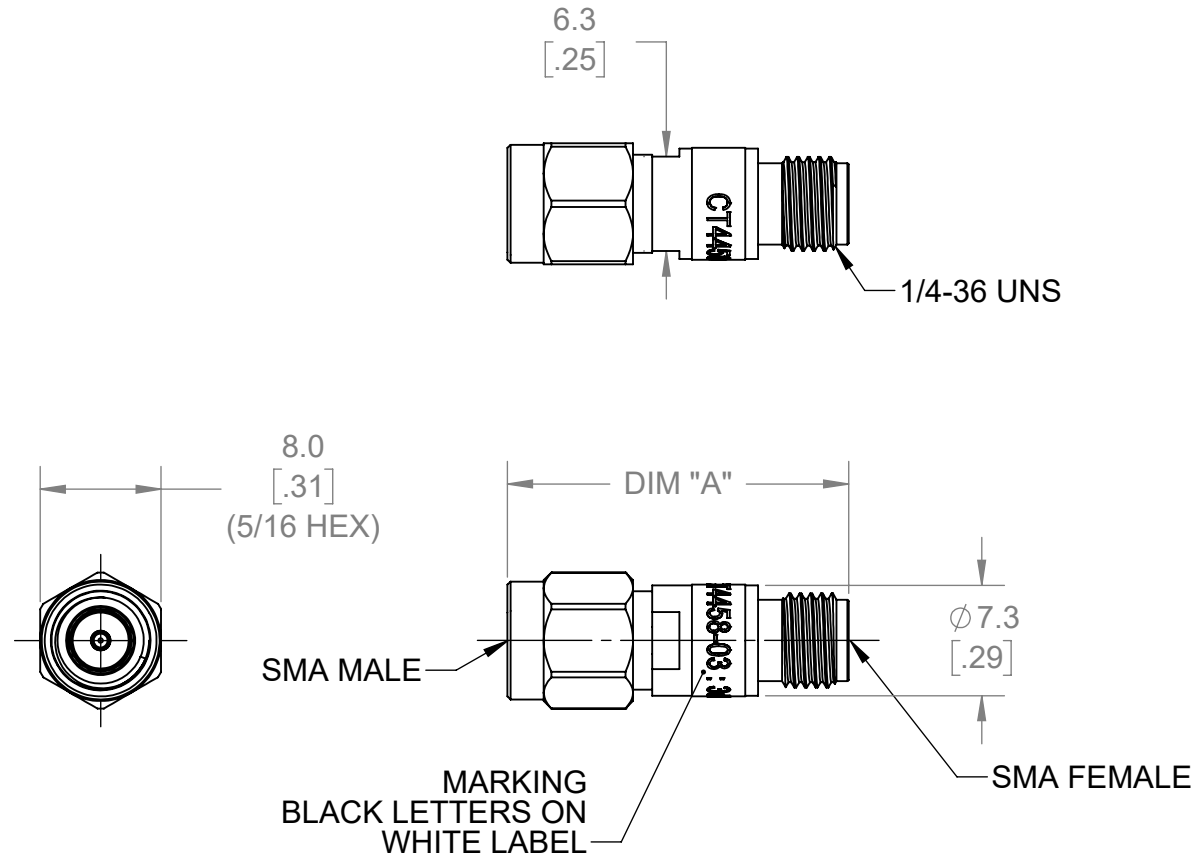


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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	6/15/2021	B. HANSEN

- NOTES:**
- ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.
 - ATTENUATOR TO MEET OR EXCEED ALL SPECIFICATIONS PER MIL-39012.
 - MATING DIMENSIONS IN ACCORDANCE WITH MIL-STD-348.
 - VSWR AND FREQUENCY RANGE SPECIFICATIONS ARE FOR REFERENCE AND ARE DEPENDANT ON CABLE TYPE AND OTHER APPLICATION SPECIFIC CONDITIONS.
 - MATERIAL:
 - CONNECTOR BODY: STAINLESS STEEL, PASSIVATED
 - CENTER CONTACT: BeCu, GOLD PLATED
 - DIELECTRIC: NORYL
 - ELECTRICAL:
 - IMPEDANCE: 50 Ω
 - FREQUENCY: DC - 18 GHz
 - POWER SENSITIVITY: <0.005 dB/dB/W (BIDIRECTIONAL IN POWER)
 - INPUT POWER: 2 W AVERAGE TO 25°C AMBIENT TEMPERATURE, DE-RATED LINEARLY TO 1.25 W @ 75°C AND 0.5 W @ 125°C, 500 W PEAK (5 μs PULSE, 0.2% DUTY CYCLE)
 - VSWR:
 - 1.15:1 @ DC - 4 GHz
 - 1.20:1 @ 4 - 8 GHz
 - 1.25:1 @ 8 - 12 GHz
 - 1.35:1 @ 12.4 - 18 GHz
 - ATTENUATOR CONFIGURATION: TEE PAD.
 - MECHANICAL:
 - TEMPERATURE RANGE: -55°C to +125°C
 - TEMPERATURE COEFFICIENT: <0.0004 dB/dB/°C
 - COUNTRY OF ORIGIAN: USA
 - RoHS AND REACH COMPLIANT.



CT4458-30	30	1.0	27.0 [1.06]
CT4458-20	20	0.7	24.5 [0.96]
CT4458-10	10	0.5	22.5 [0.88]
CT4458-06	6	0.5	22.5 [0.88]
CT4458-03	3	0.5	22.5 [0.88]
MODEL NUMBER	ATTENUATION (dB)	ACCURACY (±dB)	DIMENSION "A"



ISOMETRIC VIEW
FULL SCALE

<h1>METRIC</h1>	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: X.X = ±0.5 X.X* = ±0.5* X.XX = ±0.25 X.XXX = ±0.125 DO NOT SCALE DRAWING		PROJECT NO. A688		Cal Test Electronics 22820 Savi Ranch Parkway Yorba Linda, CA 92887	
	THIRD ANGLE PROJECTION	MATERIAL SEE NOTES	APPROVALS	DATE		
		TREATMENT SEE NOTES	DRAWN WDH	6/14/2021	CHECKER M. LEON	6/15/2021
	FINISH SEE NOTES	ENGR. B. HANSEN	6/14/2021	DESIGN ACTIVITY		SIZE B CAGE CODE 43F45 DWG. NO. CT4458 REV. A
			SCALE 2:1		SHEET 1 OF 1	

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