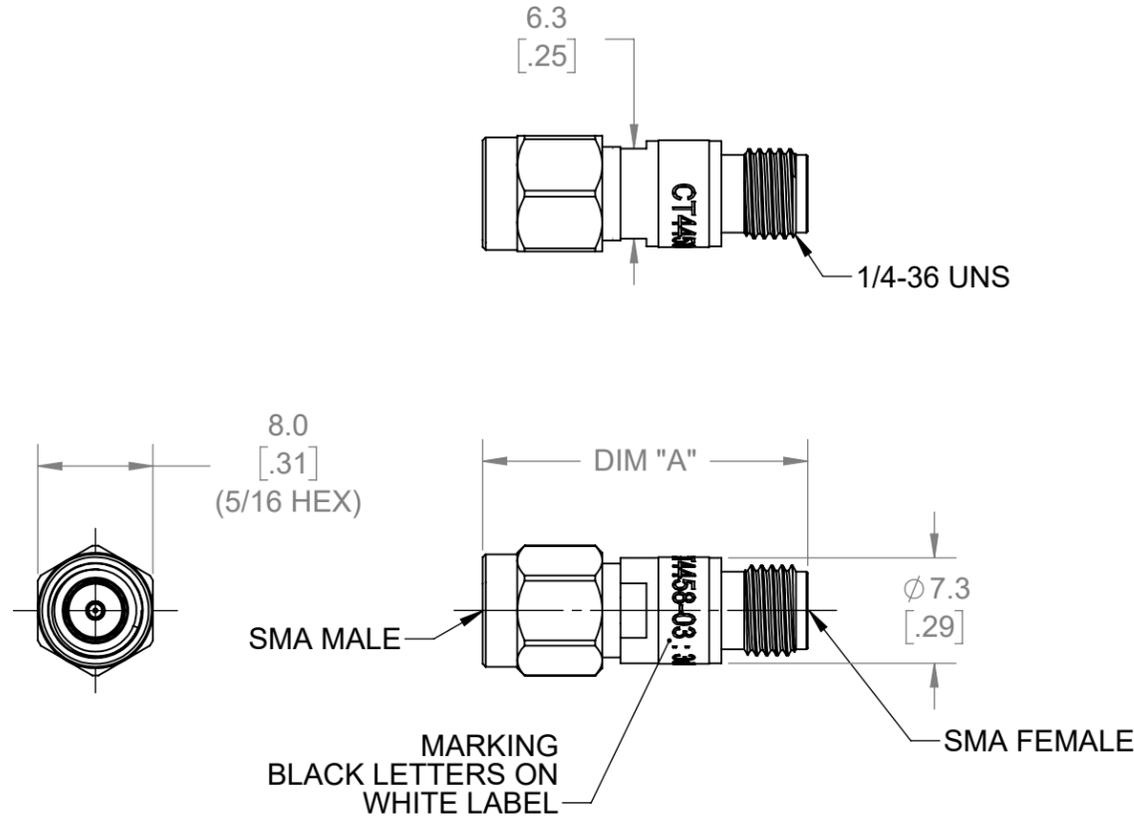


THIS IS ISSUED IN STRICT CONFIDENCE THAT IT IS NOT USED AS A BASIS FOR MANUFACTURE OR SALE AND THAT IT IS NOT COPIED, REPRINTED OR DISCLOSED TO A THIRD PARTY EITHER WHOLLY OR IN PART WITHOUT THE PRIOR WRITTEN CONSENT OF CAL TEST ELECTRONICS, INC.

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. <b>A688</b>		<b>Cal Test Electronics</b> 22820 Savi Ranch Parkway Yorba Linda, CA 92887	
	THIRD ANGLE PROJECTION	MATERIAL SEE NOTES	APPROVALS	DATE		
	TREATMENT SEE NOTES	CHECKER M. LEON	ENGR. B. HANSEN		DATE 6/14/2021	SIZE <b>B</b>
	FINISH SEE NOTES	DESIGN ACTIVITY	CAGE CODE <b>43F45</b>	DWG. NO. <b>CT4458</b>	REV. <b>A</b>	
			SCALE <b>2:1</b>		SHEET <b>1 OF 1</b>	