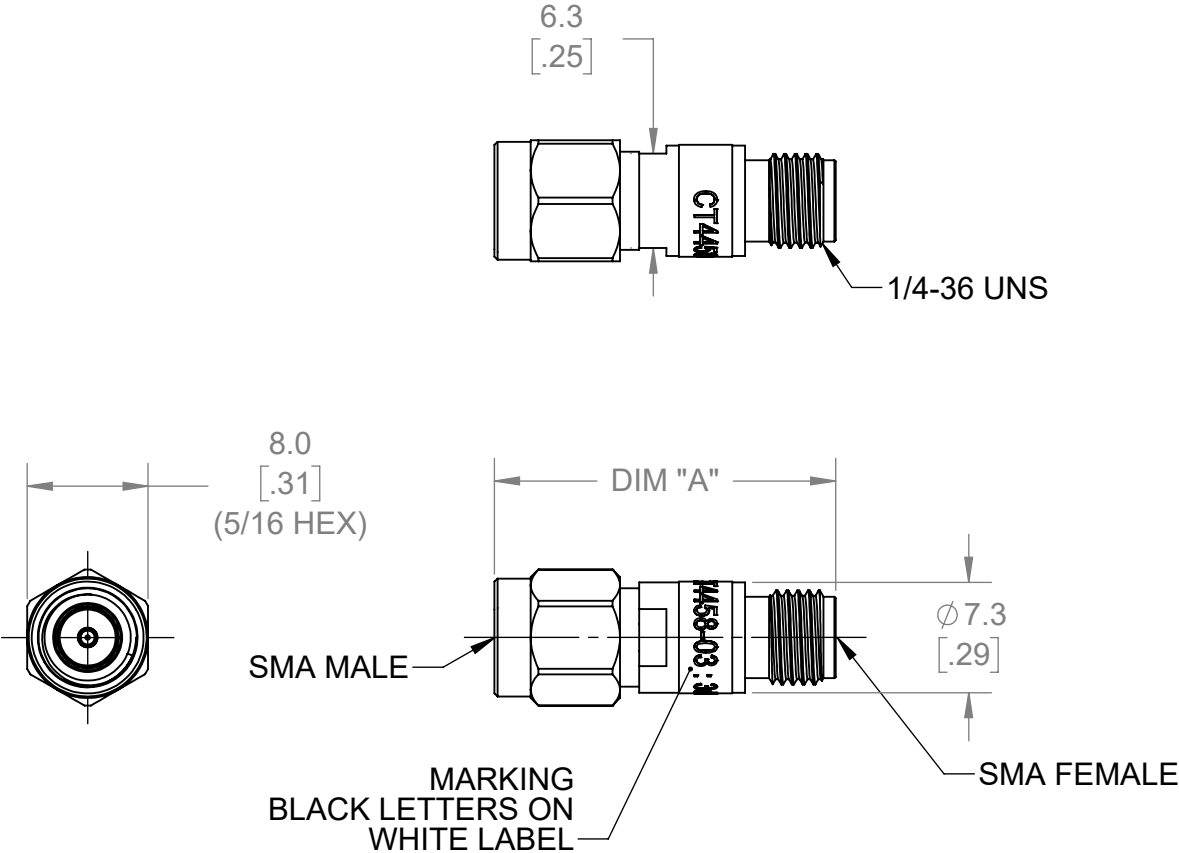


THIS IS ISSUED IN STRICT CONFIDENCE THAT IT IS NOT USED AS A BASIS FOR MANUFACTURE OR SALE AND THAT IT IS NOT COPIED, REPRINTED OR DISCLOSED TO A THIRD PARTY EITHER WHOLLY OR IN PART WITHOUT THE PRIOR WRITTEN CONSENT OF CAL TEST ELECTRONICS, INC.

- 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.



ISOMETRIC VIEW  
FULL SCALE



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"

MODEL NUMBER TABLE

<div>METRIC</div>	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					
	MATERIAL SEE NOTES		APPROVALS	DATE	TITLE SMA FIXED ATTENUATOR, 18GHz, 2W					
			DRAWN WDH	6/14/2021						
			CHECKER M. LEON	6/15/2021						
	THIRD ANGLE PROJECTION		TREATMENT SEE NOTES		ENGR. B. HANSEN	6/14/2021	SIZE B		CAGE CODE 43F45	DWG. NO. CT4458
FINISH SEE NOTES			DESIGN ACTIVITY		SCALE 2:1		SHEET 1 OF 1			

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