

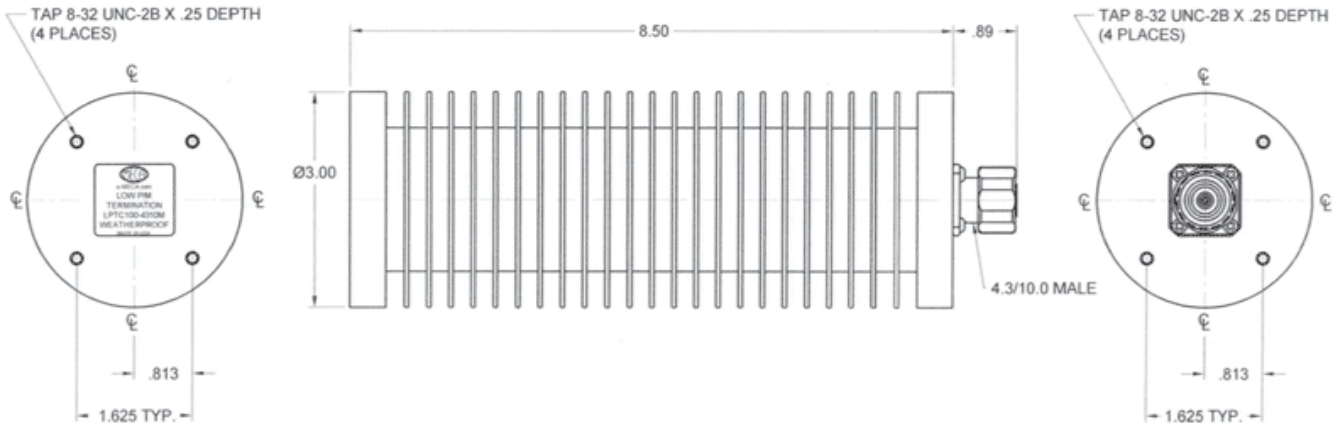
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## ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE (GHz):	0.380 - 2.700
IMPEDANCE (NOMINAL):	50 OHMS
VSWR:	
0.380 - 0.698 GHz:	1.15:1 TYP/1.25:1 MAX
0.698 - 2.700 GHz:	1.10:1 TYP/1.20:1 MAX
POWER:	
(MAX):	100 WATTS
(PEAK):	5.0 kWATTS
PASSIVE INTERMODULATION DISTORTION:	-161 dBc TYPICAL WITH 2 x 20 WATT TONES VERIFIED AT 1900 MHz (<-155 dBc) @ 25°C

## MECHANICAL SPECIFICATIONS

CONNECTOR BODY:	BRASS, ALBALOY PLATE
CONNECTOR PINS:	BERYLLIUM COPPER, SILVER PLATE
CONNECTOR INTERFACE TORQUE:	42 ± 3.5 IN-LBS
HOUSING:	ALUMINUM, BLACK ANODIZE
O-RING:	SILICONE RUBBER
INGRESS PROTECTION:	IP 67
INSULATORS:	PTFE
TEMPERATURE:	-55°C TO +85°C
WEIGHT (NOMINAL):	3.7 LBS



This document gives only a description of the product(s) and shall not form part of any contract. Please contact a MECA Applications Engineer for the most current specification drawing.

MATERIAL: SEE ABOVE		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES			ELECTRONICS, INC. DENVER, NEW JERSEY e-MECA.com	
FINISH: SEE ABOVE		TOLERANCES 2 PLACES: ±.02 3 PLACES: ±.010 ANGLES: N/A			TITLE LOW PIM TERMINATION, 100 WATTS, 4.3/10.0 MALE, WEATHERPROOF	
DRAWN:	DATE:	TIR: N/A		CAGE CODE NO. 22424	DRAWING NO. LPTC100-4310M	
APPROVED:	DATE:	SCALE: NTS	SIZE A			
		SHEET: 1 OF 1				

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