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Material &amp; Finish

- 1 Connector Body: Brass, Albaloy plated
- 2 Center Contact: Brass, Gold plated
- 3 Insulator: PTFE
- 4 Coupling Nut: Brass, Albaloy plated
- 5 Radiator: Aluminium, Black

Electrical Data:

- 1 Impedance: 50  $\Omega$
- 2 Frequency Range: DC~4 GHz
- 3 VSWR: 1.15 Max. @1~2 GHz  
1.20 Max. @3~4 GHz
- 4 Average Power: 300 Watts average to 25°C ambient temperatruue, derated linearly to 30w @ 100°C
- 5 Peak Power: 1000 W (5 $\mu$ S Pluse width with the maximum 15% duty cycle)

Environmental Data:

- 1 Operating Temperature Range: -55°C~+125°C
- 2 2015/863/(RoHS): Compliant
- 3 1999/2006/EC(Reach) and 1999/45/EC(Reach): Compliant

Revisions			
Rev.	Description	Date	Approved
A	Initial Release	04/03/26	J. Q
B	Add Label	04/16/26	J. Q
C	Change Label Location	04/29/26	J. Q
D	Word 'S/N' was 'Label'	05/07/26	J. Q

**POWER DERATING CURVE VS AMBIENT TEMPERATURE**

Ambient Temperature (°C)	Pmax (%)	80°C (%)	60°C (%)
10	100	60	40
20	100	50	33.3
30	93.3	40	26.7
40	86.7	30	20
50	80	20	13.3
60	73.3	10	6.7
70	66.7	0	0
80	60	0	0
90	53.3	0	0
100	46.7	0	0
110	40	0	0
120	33.3	0	0
125	0	0	0

S/N: ANO 733-105  
YYWW001

L 001, 002, 003...

**NOTE:** Specifications are subject to change without notice.  
Contact us for the latest data before finalizing your design.

Drawn	P. C	Date	05/07/26
Checked	X. Y	Date	05/07/26
Approved	J. Q	Date	05/07/26
Unless otherwise specified dimensions are in millimeters, dimensions in [ ] are in inches for customer reference only unless otherwise specified tolerance are:		These drawings and specifications are the property of ANOISON GROUP. They shall not be reproduced or used without written permission. © 2026 ANOISON GROUP. All rights reserved.	
.XX	±0.13 [.005"]		
.X	±0.20 [.008"]		
X	±0.50 [.019"]		
.X°	±1°		
X°	±2°		

Title			
Coaxial Termination, TNC Male 300 Watts, DC~4GHz			
View		Part No.	
		ANO 733-105	
Size	Scale	Sheet	Rev.
A3	1:2	1/1	D

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