

# XFMRS, Inc.

## SPECIFICATION FOR APPROVAL

XFMRS P/N : XFEB160808-680-1A Rev: A/1

<p><b>DIMENSION : (m/m)</b></p> <p><b>Dimensions &amp; Structure :</b></p> <p style="text-align: center;"><b>TERMINAL ELECTRODE CONSTRUCTION</b></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>A</td><td><math>\phi 1.6 \pm 0.2</math></td><td>m/m</td></tr> <tr><td>B</td><td><math>0.8 \pm 0.2</math></td><td>m/m</td></tr> <tr><td>C</td><td><math>0.8 \pm 0.2</math></td><td>m/m</td></tr> <tr><td>D</td><td><math>0.3 \pm 0.3</math></td><td>m/m</td></tr> <tr><td>E</td><td></td><td>m/m</td></tr> <tr><td>F</td><td></td><td>m/m</td></tr> <tr><td>G</td><td></td><td>m/m</td></tr> <tr><td>H</td><td></td><td>m/m</td></tr> <tr><td>I</td><td></td><td>m/m</td></tr> <tr><td>J</td><td></td><td>m/m</td></tr> <tr><td>K</td><td></td><td>m/m</td></tr> <tr><td>L</td><td></td><td>m/m</td></tr> <tr><td>M</td><td></td><td>m/m</td></tr> <tr><td>N</td><td></td><td>m/m</td></tr> <tr><td>O</td><td></td><td>m/m</td></tr> </table>	A	$\phi 1.6 \pm 0.2$	m/m	B	$0.8 \pm 0.2$	m/m	C	$0.8 \pm 0.2$	m/m	D	$0.3 \pm 0.3$	m/m	E		m/m	F		m/m	G		m/m	H		m/m	I		m/m	J		m/m	K		m/m	L		m/m	M		m/m	N		m/m	O		m/m
A	$\phi 1.6 \pm 0.2$	m/m																																												
B	$0.8 \pm 0.2$	m/m																																												
C	$0.8 \pm 0.2$	m/m																																												
D	$0.3 \pm 0.3$	m/m																																												
E		m/m																																												
F		m/m																																												
G		m/m																																												
H		m/m																																												
I		m/m																																												
J		m/m																																												
K		m/m																																												
L		m/m																																												
M		m/m																																												
N		m/m																																												
O		m/m																																												

<b>ELECTRICAL REQUIREMENTS</b>	<b>TEST INSTRUMENTS</b>
--------------------------------	-------------------------

Z	$68 \pm 25\%$ ohm	TEST FREQ.	100	MHz	<input type="radio"/> HP 34401A MULTIMETER <input type="radio"/> HP 4195 NETWORKS/SPECTRUM ANALYZER <input type="radio"/> HP 42841 BIAS CURRENT SOURCE <input type="radio"/> HP 4285A LCR METER <input type="radio"/> HP 4286A RF LCR METER <input checked="" type="radio"/> HP 4291A RF IMPEDANCE / MATERIAL ANALYZER <input type="radio"/> HP 4338A MILLION OHM METER <input type="radio"/> HP 6632A DC POWER SUPPLY <input type="radio"/> HP4284A PRECISION LCR METER
Rdc	0.10 OHM. MAX.	TEST FREQ.		MHz	
Idc	1000mA MAX.	TEST FREQ.		MHz	

**Notes:**

1. Solderability: Leads shall meet MIL-STD-202, Method 208D for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C. UL file E151556
5. Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible

DRAWN BY :  BW	CHECKED BY :  JOE HUFF	APPROVED BY :  J Ng
----------------------	------------------------------	---------------------------