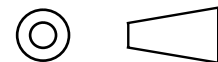


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# **MARKETING SALES DRAWING** **DIMENSIONS IN INCHES - DO NOT SCALE THIS DRAWING** **DIMENSIONS IN METRIC - [ ]**



ORIENTATION

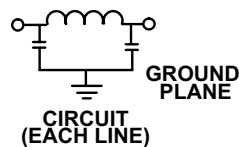
**Electrical Testing**  
per Tusonix standard  
test plans and Mil-Std-202  
Test Methods.

Ø .190 [4.83]  
THRU  
(2) PLCS.  
(See Note 2)

.200 [5.08]  
(2) PLCS.

(TYP) 5 PINS  
@ .437 [11.10]  
ON CENTERS

GREEN INK DOT RoHS ONLY  
#6-32 UNC-2A THD.  
COMBINATION HEAD SCREW  
WITH CLAMP WASHER (5) PLCS.  
Torque 10.8-13.2 in lbs [1.22-1.49 Nm] Max.



SLEEVES SOLDERED  
TO GROUND PLATE  
.040 [1.02] MAX. FILLET

.318  
[8.08]  
MAX.

FILTER  
ENCAPSULATED  
IN SLEEVE

## **NOTES:**

1. TUSONIX STANDARD PART NUMBER: 7605-501.  
TUSONIX RoHS COMPLIANT PART NUMBER: 7605-501 LF.  
CUSTOMER MUST SPECIFY STANDARD OR RoHS PART NUMBER WHEN ORDERING.
2. LEAD FINISH: MATTE TIN.
3. PLATE MATERIAL: .040" COPPER ALLOY, MATTE TIN FINISH.
4. PART MARKING: TRADEMARK, PART NUMBER, DATE CODE, AND UL RECOGNITION:  
WHITE INK. RoHS PART: GREEN INK DOT ON TOP OF GROUND PLATE AS SHOWN.
5. MAX. SOLDERING TEMPERATURE 500°F [260°C].
6. BLOCK MOUNTING: RECOMMENDED MOUNTING SCREWS  
(# 8 PAN HEAD). TORQUE 4.5-5.5 in. lbs. [0.51-0.62 Nm] MAX.
7. MOLDED MATERIAL: HIGH TEMPERATURE THERMOPLASTIC (PBT), UL RATED 94 V-O.
8. U.L. FILE NO. E201344.

| Cx (pF)   | WORKING<br>VOLTAGE<br>-40°C TO +105°C | I <sub>DC</sub> | I.R.<br>MIN. @<br>100 (VDC.) | DWV<br>(VAC) | TYPICAL NO LOAD INSERTION LOSS (dB) @ 25°C PER MIL-STD-220 |         |       |        |
|-----------|---------------------------------------|-----------------|------------------------------|--------------|------------------------------------------------------------|---------|-------|--------|
|           |                                       |                 |                              |              | 10 MHz                                                     | 100 MHz | 1 GHz | 10 GHz |
| 2000 MIN. | 250 VAC                               | 20 Amps         | 10 G Ω                       | 1500         | 5                                                          | 50      | 60    | 65     |

|                 |                                                        |                                                                                         |                                                |                                                                         |               |                                                                                                                                                             |                                                                                                                                                                             |
|-----------------|--------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REVISION RECORD | 0                                                      | 1                                                                                       | 2                                              | 3                                                                       | 4             | TOLERANCES<br>unless otherwise specified<br>2 PLC.<br>DECIMAL ± N/A<br>3 PLC.<br>DECIMAL ± .030 [0.76]<br>ANGLES ± N/A<br><b>TUSONIX</b><br>TUCSON, ARIZONA | Title<br><b>FILTERED TERMINAL<br/> BLOCK 5 POSITION,<br/> UL RECOGNIZED</b><br><br>Drawn S.M. 06-08-99 Scale FULL<br>Approved T.C. 06-08-99<br><br><b>A</b> <b>7605-501</b> |
|                 | Original Release<br>C.O. 19990607-1-09                 | 20000127-3-04                                                                           | 20040819-3-03                                  | 20050926-5-12                                                           | 20060103-1-04 |                                                                                                                                                             |                                                                                                                                                                             |
|                 | REVISED BLOCK & NOTE 3.<br>ADDED NOTE 5. S.M. 01-27-00 | DIM'S IN METRIC &<br>ORIENTATION SYMBOL ADDED<br>TABLE & NOTES REVISED<br>L.E. 08-23-04 | ADDED NOTES 1-4 &<br>RENUMBERED. S.M. 10-12-05 | NOTES 4 & 6 REVISED. ADDED<br>INK DOT. REVISED TORQUE.<br>S.M. 01-23-06 |               |                                                                                                                                                             |                                                                                                                                                                             |
|                 |                                                        |                                                                                         |                                                |                                                                         |               |                                                                                                                                                             |                                                                                                                                                                             |

# Mouser Electronics

Authorized Distributor

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