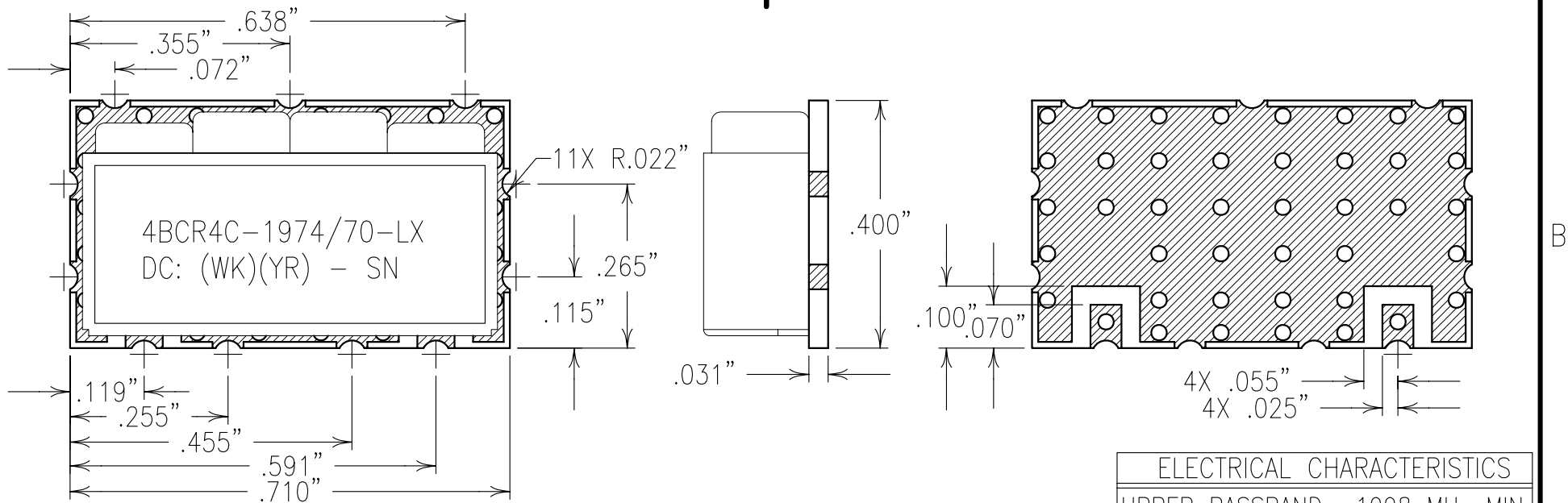


2

1



**COPY**

| ELECTRICAL CHARACTERISTICS |                |
|----------------------------|----------------|
| UPPER PASSBAND             | 1998 MHz MIN   |
| LOWER PASSBAND             | 1950 MHz MAX   |
| INSERTION LOSS             |                |
| WITHIN PASSBAND            | 2.5 dB MAX     |
| PASSBAND RIPPLE            | .5 dB P-P      |
| GROUP DELAY                | 5.0 nS P-P MAX |
|                            | OVER PASSBAND  |
| VSWR WITHIN PB             | 1.7:1 MAX      |
| OPERATIONAL TEMP.          | -40 TO +85°C   |

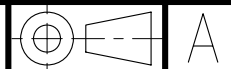
NOTES:

FOR RECOMMENDED FOOTPRINT SEE FP0059.

RECOMMENDED ATTACHMENT METHOD: SILVER EPOXY OR REFLOW NOT TO EXCEED AS INDICATED BELOW:

| TEMP.(°C) | MAX. TIME(SEC) |
|-----------|----------------|
| 215       | 90             |
| 230       | 60             |
| 245       | 30             |
| 260       | 15             |

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|  |             |                               |         |                          |             |                    |
|--|-------------|-------------------------------|---------|--------------------------|-------------|--------------------|
| ENGLISH / METRIC<br>ENGLISH                            | CHECKED BY  | B                             | 09JUL01 | SWB                      | DEV.        | GEN. REV. PER 1715 |
| TOLERANCES UNLESS OTHERWISE SPECIFIED                  | DRAWN BY    | A                             | 18FEB99 | MJG                      | DEV.        | GEN. REV. PER 0944 |
| MACHINED SURFACES TO BE 125 OR BETTER REMOVE ALL BURRS | ENGINEER    | II                            | 22MAY98 | MJG                      | DEV.        | INI. ISS. PER 0591 |
| ENGLISH (INCHES)                                       | METRIC (MM) | SCALE                         | APPLIC: | CERAMIC COAXIAL FILTER   |             |                    |
| .XX ±.02   | .X ±.25     | 4:1                           | DATE    | TITLE: 4BCR4C-1974/70-LX |             |                    |
| .XXX ±.010   | .XX ±.13    |                               | 22OCT01 |                          |             |                    |
| ANGLES ± 0° 30'  |             |                               |         |                          |             |                    |
|  | FINISH:     | BOARD: Sn63Pb37 PLATED COPPER |         |                          | DRAWING No. | SHEET OF 1 1       |
|  |             | JACKET: NI/SILVER             |         |                          | 0L0093      |                    |
|  |             | RESONATOR: SILVER             |         |                          |             |                    |