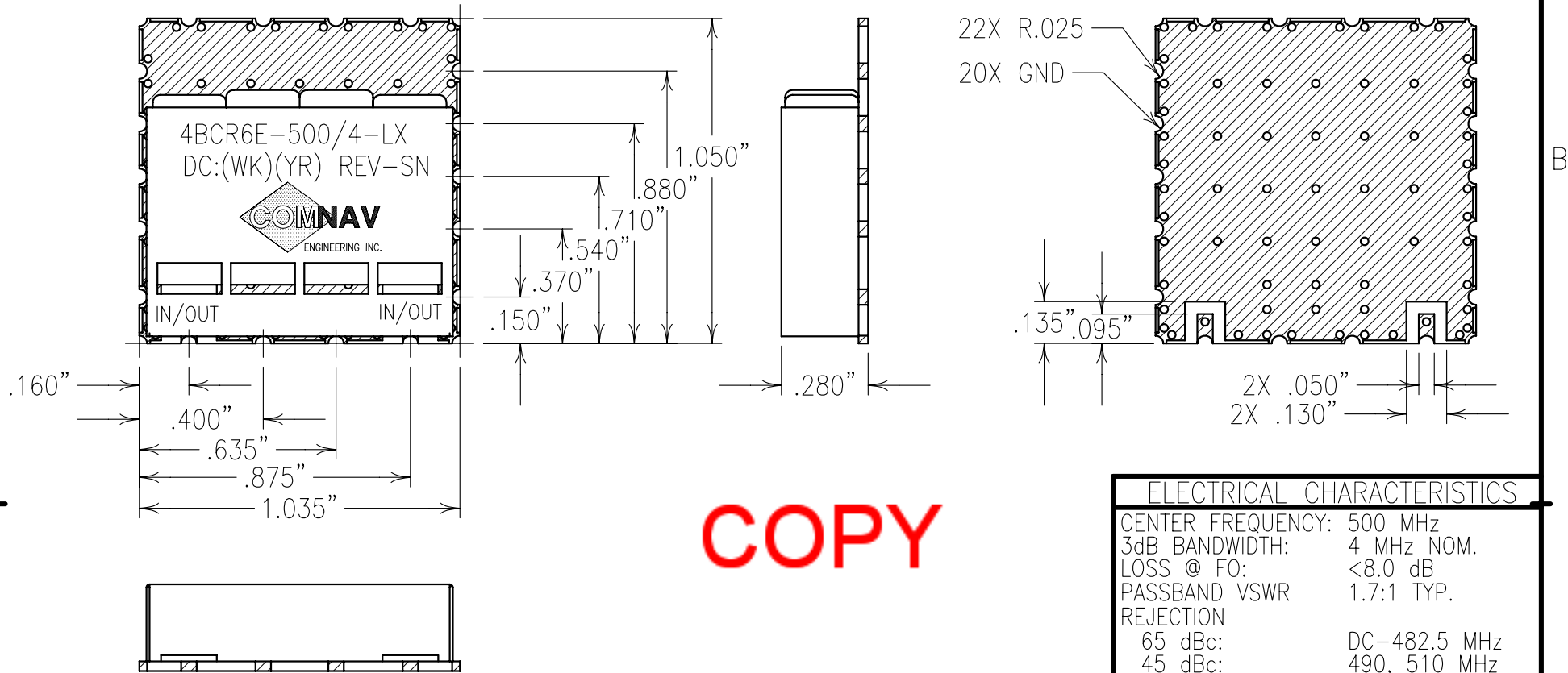


2

1



**COPY**

**ELECTRICAL CHARACTERISTICS**

CENTER FREQUENCY: 500 MHz  
 3dB BANDWIDTH: 4 MHz NOM.  
 LOSS @ F0: <8.0 dB  
 PASSBAND VSWR 1.7:1 TYP.  
 REJECTION  
 65 dBc: DC-482.5 MHz  
 45 dBc: 490, 510 MHz  
 OPERATING TEMP.: -45 TO +85 °C

NOTES:  
 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   |  |                                |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED   |  | DRAWN BY   |  |                                |  |
| MACHINED SURFACES TO BE 125 OR BETTER REMOVE ALL BURRS  |  | PBF  |  |                                |  |
|   |  | ENGINEER   |  | INI. ISS. PER 2023             |  |
|   |  | MJC  |  | REMARKS                        |  |
| ENGLISH (INCHES)  |  | SCALE  |  | APPLIC: CERAMIC COAXIAL FILTER |  |
| .XX ±.01  |  | 2:1  |  |                                |  |
| .XXX ±.020  |  | DATE   |  | TITLE: 4BCR6E-500/4-LX         |  |
|   |  | 10MAR03  |  |                                |  |
| ANGLES ± 0° 30'   |  | FINISH: BOARD: NI/AU PLATED COPPER<br>JACKET: NI/SILVER<br>RESONATOR: SILVER |  | DRAWING No. 0L0458             |  |
|   |  |  |  | SHEET OF 1 1                   |  |