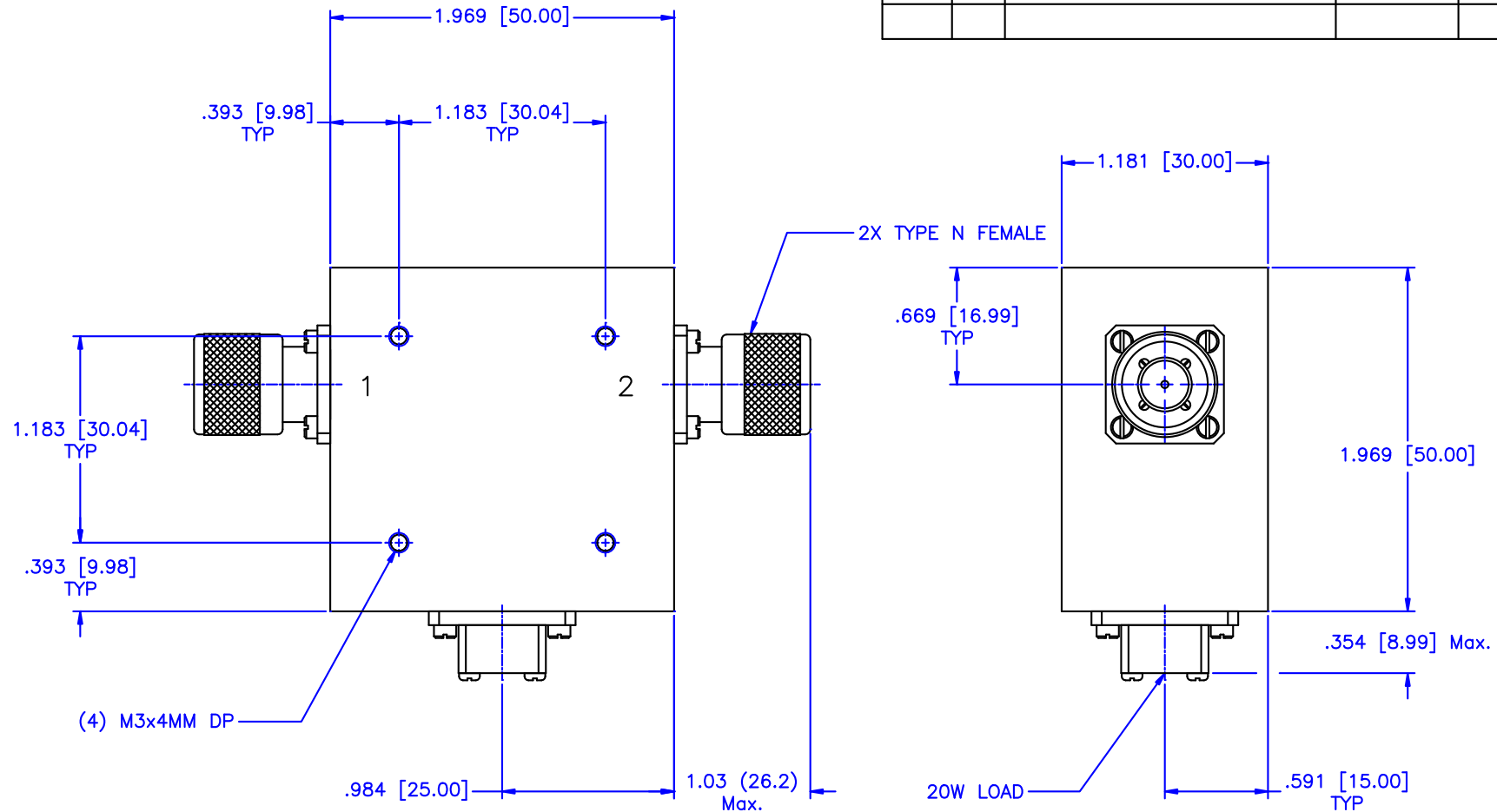


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | Date | APPROVED |
|           |     |             |      |          |



#### SPECIFICATIONS

Frequency Range: 345–355 MHz  
 Isolation: 20dB Min.  
 Insertion loss: 0.3dB Max.  
 VSWR: 1.20:1 Max.  
 Power Avg, Peak: 20W, 50W  
 Operating Temperature: –10°C to +60°C

|                                  |  |                                                                                                                                                                                            |                                                                                                                                                                                                                                                                   |                                         |                          |                  |                 |                      |
|----------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------|------------------|-----------------|----------------------|
| <div>MATERIAL:</div>             |  | <div>MCLI</div> <div>MICROWAVE COMMUNICATIONS LABORATORIES INC.<br/>7255 30TH AVE. N. SAINT PETERSBURG, FL 33710<br/>TEL: (727) 344-6254 FAX: (727) 381-6116<br/>http://WWW.MCLI.COM</div> |                                                                                                                                                                                                                                                                   | SCALE: N/A                              |                          |                  |                 |                      |
|                                  |  |                                                                                                                                                                                            |                                                                                                                                                                                                                                                                   | SHEET: N/A                              |                          |                  |                 |                      |
|                                  |  | UNLESS OTHERWISE SPECIFIED:<br>TOLERANCES<br>IN (INCHES) OR [mm] (MILLIMETERS)<br>FRACTIONS: ± 1/64<br>DECIMALS: ±.01 ±.005<br>ANGLE: ±1/2°                                                |                                                                                                                                                                                                                                                                   | DRAWING TITLE:<br><br>ISOLATOR 20 WATTS |                          |                  |                 |                      |
|                                  |  |                                                                                                                                                                                            |                                                                                                                                                                                                                                                                   | PART NO.<br><br>IS-58-20                |                          |                  |                 |                      |
| DRAWN:<br><br>Paiboon Luekhamhan |  | DATE:<br><br>04-11-2006                                                                                                                                                                    | <div>PROPRIETARY NOTICE:<br/>THE INFORMATION IN THIS DRAWING IS PROPRIETARY<br/>AND SHALL NOT BE USED OR DISCLOSED WITHOUT WRITTEN<br/>PERMISSION FROM MICROWAVE COMMUNICATIONS<br/>LABORATORIES, INC. (MCLI)</div> <div>THIRD ANGLE PROJECTION</div> <div></div> |                                         | CAGE CODE:<br><br>0D2L5  | SIZE:<br><br>N/A | REV:<br><br>N/A | DWG NO.<br><br>82167 |
| APPROVED:<br><br>T. Nguyen       |  | DATE:<br><br>04-11-2006                                                                                                                                                                    |                                                                                                                                                                                                                                                                   |                                         | DO NOT SCALE THE DRAWING |                  |                 |                      |