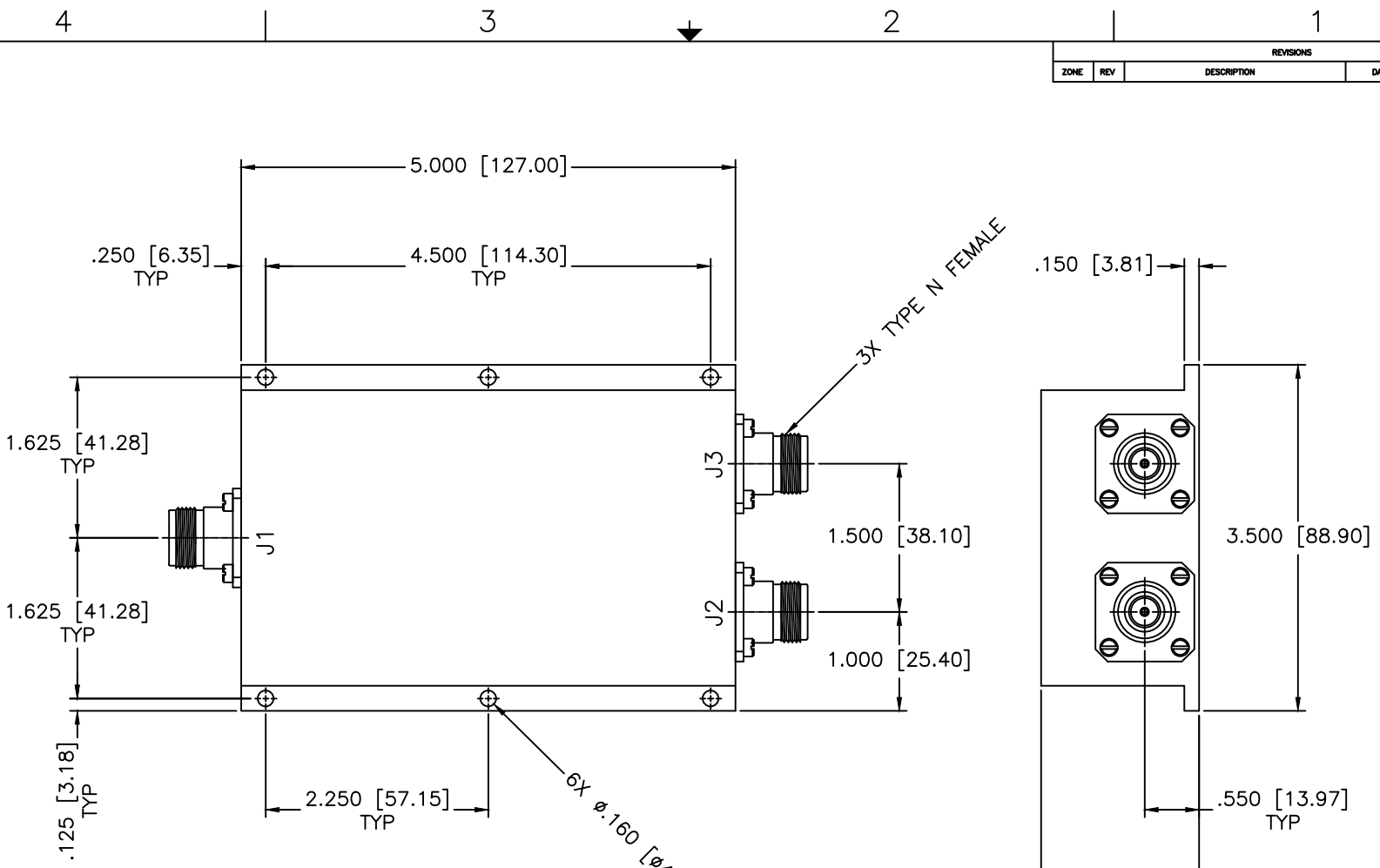


| REVISIONS | | | | |
|-----------|-----|-------------|------|----------|
| ZONE | REV | DESCRIPTION | DATE | APPROVED |
| | | | | |



SPECIFICATIONS

Frequency Range: 20–500 MHz
 Insertion Loss: 0.6dB Max.
 Isolation: 20dB Min.
 Power Rating: 200 Watts CW
 Amplitude Balance: ± 0.3 dB Max.
 VSWR: 1.40:1 Max.
 Phase Balance: $\pm 10^\circ$ Max.
 Operating Temperature: -55°C to $+75^\circ\text{C}$

6X ϕ .160 [ϕ 4.06] THRU

| | | | | | |
|-----------|--|--|--|--------------------------|--------------|
| MATERIAL: | | MCLI MICROWAVE COMMUNICATIONS LABORATORIES INC. 7225 30TH AVE. N. SAINT PETERSBURG, FL 33710 TEL: (727) 344-8254 FAX: (727) 381-8116 http://www.mcli.com | | SCALE: | N/A |
| DRAWING: | | UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR (mm) (MILLIMETERS) FRACTIONS: $\pm 1/64$ DECIMALS: $\pm 0.01 \pm 0.005$ ANGLE: $\pm 1/2^\circ$ | | DRAWING TITLE: | 90° HYBRID |
| DATE: | | 12-23-2008 | | PART NO.: | HB-56-200/NF |
| APPROVED: | | T. Nguyen | | CAGE CODE: | OD2L5 |
| DATE: | | 12-23-2008 | | SIZE: | N/A |
| DRAWING: | | Paiboon Luethamhan | | REV: | N/A |
| APPROVED: | | T. Nguyen | | DWG NO.: | 84037 |
| DATE: | | 12-23-2008 | | DO NOT SCALE THE DRAWING | |