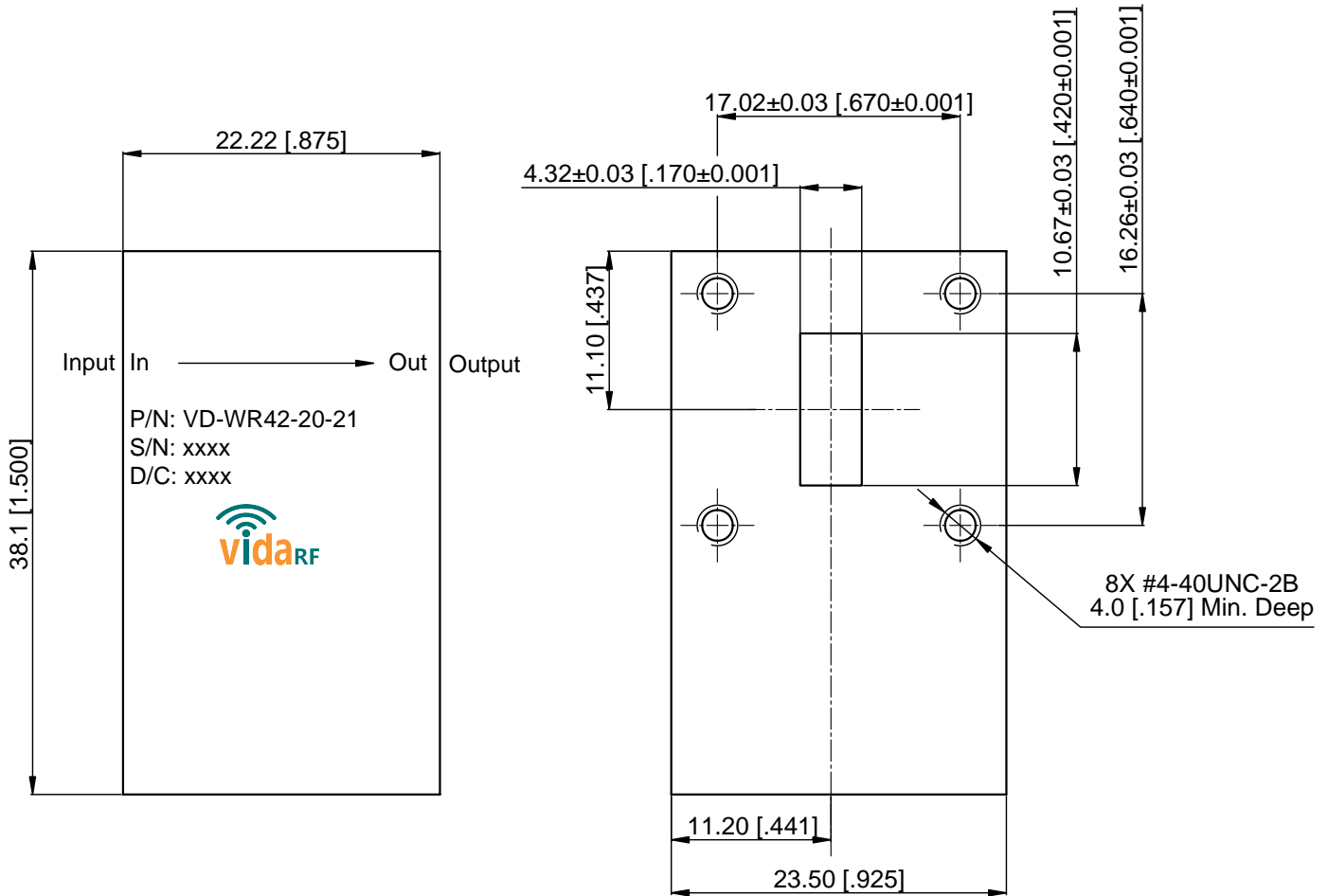


Waveguide Isolator

ELECTRICAL SPECIFICATION

| | | |
|-----------------------------|---------------|---------------------|
| Product Model: | VD-WR42-20-21 | VD-WR42-20-21-A |
| Frequency Range (GHz): | 20.2-21.2 | 20.2-21.2 |
| Insertion Loss (dB) max: | 0.25 | Goal 0.10, Typ 0.20 |
| Isolation (dB) min: | 25 | 28 |
| VSWR max: | 1.11 | 1.11 |
| Power Forward: | 3W | 3W |
| Power Load: | 3W | 3W |
| Operating Temp. Range (°C): | -40~+80 | -40~+80 |


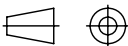


Pressure Sealed: 10 PSI min

Unit: mm/Inches
 Material: Aluminum
 Finish: Chemical film
 Waveguide/Flange: WR-42/(UG595/U)

NOTES:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

| | | | | | | | | |
|---|--------|------|-----|--|-------------------------------------|---------------------------|----------------------------------|------------|
| | | | | Drawn: A.P 01/18/12 | Title: Waveguide Isolator | | | |
| ADDED -A | | | | Checked: S.K 01/18/12 | | | | |
| Description | Ecn.No | Date | Rev | Approved: T.P 01/18/12 | | | | |
|  Tel:877-777-8432 www.vidarF.com | | | | Unless otherwise specified dimensions are in millimeters, dimensions in [] are in inches for customer reference only. Unless Otherwise Specified tolerance are: .XX ±0.13 [.005"] .X ±0.20 [.008"] X ±0.50 [.019"] .X° ±1° X° ±2° | | Cage Code 6KQ83 | Part No: VD-WR42-20-21 | |
| | | | | View:  | | Size: A4 | Scale: 2:1 | Sheet: 1/1 |