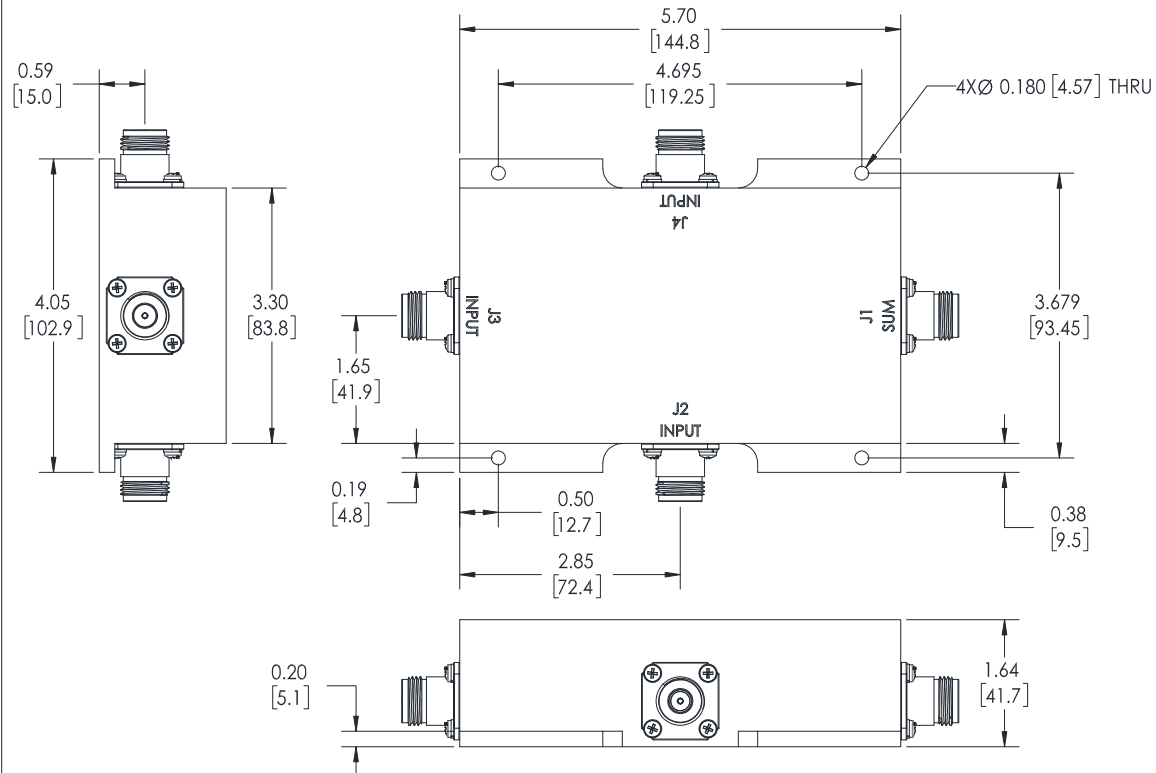


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#### Notes:

- 1.) Material: Aluminum 6061-T6
- 2.) Finish: Black Epoxy Paint / White Epoxy Lettering
- 3.) Connectors: N Female
- 4.) O-Ring Sealed: Watertight Design
- 5.) Weight: 2 pounds, 4 ounces

#### Model D7440W

#### 3-Way Combiner/Divider

#### Electrical Specifications:

|                    |               |
|--------------------|---------------|
| Frequency:         | 100 - 500 MHz |
| Power:             | 100 W CW      |
| Insertion Loss:    | 0.75 dB Max.  |
| VSWR:              | 1.35:1 Max.   |
| Phase Balance:     | ± 5° Max.     |
| Amplitude Balance: | ± 0.3 dB Max. |
| Isolation:         | 20 dB Min.    |



WERLATONE | SINCE 1965

Standard connector configurations are as follows:

| Model     | Sum Port (J1) | Inputs (J2-J4) |
|-----------|---------------|----------------|
| D7440W-10 | N Female      | N Female       |

|                   |  |                                             |  |                        |      |                                                                                       |  |                       |        |                                          |  |
|-------------------|--|---------------------------------------------|--|------------------------|------|---------------------------------------------------------------------------------------|--|-----------------------|--------|------------------------------------------|--|
|                   |  | UNLESS OTHERWISE SPECIFIED                  |  | OWN                    | DATE |  |  | WERLATONE® SINCE 1965 |        | 17 Jon Barrett Rd<br>Patterson, NY 12563 |  |
|                   |  | • INTERPRET DRAWING (AWI MIL-STD-100)       |  | SD                     | DATE |                                                                                       |  |                       |        |                                          |  |
|                   |  | • DIMENSIONING PER ASME Y14.5M-2009         |  | CHK                    | DATE |                                                                                       |  |                       |        |                                          |  |
|                   |  | • PARENTHEetical INFO FOR REF ONLY          |  | CS                     | DATE | TITLE                                                                                 |  |                       |        |                                          |  |
|                   |  | • DIMENSIONS ARE IN INCHES                  |  | ENGR                   | DATE |                                                                                       |  |                       |        |                                          |  |
|                   |  | • DIMENSIONAL LIMITS APPLY BEFORE PROCESSES |  |                        |      |                                                                                       |  |                       |        |                                          |  |
|                   |  | • TOLERANCES                                |  |                        |      |                                                                                       |  |                       |        |                                          |  |
|                   |  | • ANGLES ± 2°                               |  | RFR                    | DATE |                                                                                       |  |                       |        |                                          |  |
|                   |  | • 3 PL ± .005 [1.3]                         |  |                        |      |                                                                                       |  |                       |        |                                          |  |
|                   |  | • 2 PL ± .015 [1.38]                        |  | QA                     | DATE | SIZE                                                                                  |  | CAGE CODE             | DWG NO | REV                                      |  |
|                   |  | • REMOVE ALL BURRS AND SHARP EDGES R.01 MAX |  |                        |      |                                                                                       |  |                       |        |                                          |  |
|                   |  | • CONCENTRICITY MACHINED DIA: .002 FIM      |  |                        |      |                                                                                       |  |                       |        |                                          |  |
|                   |  | • MACHINE TOOL MESHATCH .003 MAX            |  | RLSE                   | DATE | B                                                                                     |  | 20129-500             |        | -                                        |  |
| NEXT ASSY USED ON |  |                                             |  |                        |      | SCALE                                                                                 |  | 1.5                   |        |                                          |  |
| APPLICATION       |  |                                             |  | THIRD ANGLE PROJECTION |      |  |  |                       |        | SHEET 1 OF 1                             |  |