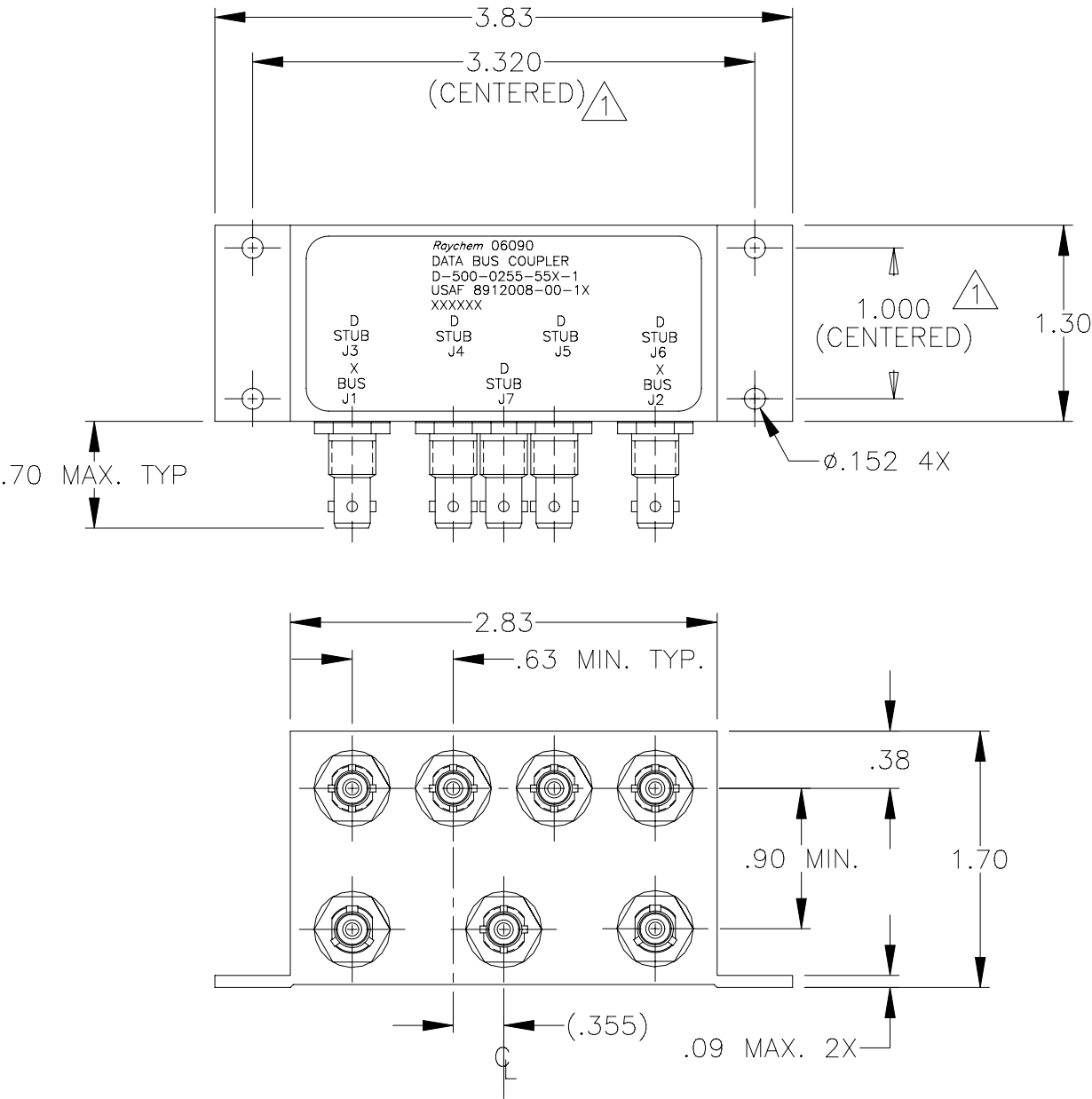


| REVISIONS |                          |         |          |
|-----------|--------------------------|---------|----------|
| LTR       | DESCRIPTION              | DATE    | APPROVED |
| B         | REVISED PER ECN# T-20113 | 95JUN05 | Z. TEMAN |
| C         | REVISED PER ECN# T-20289 |         |          |

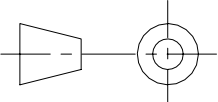
NOTES:

1 HOLE PATTERN MACHINED SYMMETRIC WITHIN MOUNTING FLANGE.



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SPECIFICATION CONTROL DRAWING

|                                                                                                                                                                                                                       |                                                                                     |                       |           |                                                                                               |                                                                                   |                                                                                        |  |                |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------|-----------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--|----------------|--|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES.<br>METRIC DIMENSIONS ARE<br>IN BRACKETS.<br><br>DECIMALS<br>.XXX ±.010    {    mm<br>.XX ±.03       {    mm<br>ANGLES<br>.X ±<br><br>WEIGHT<br>195 GRAMS MAX. | DRAWN                                                                               | J.B.K.                | 90 JUL 3  | <b>tyco</b><br><b>Electronics</b>                                                             |                                                                                   | Tyco Electronics Corporation<br>300 Constitution Drive<br>Menlo Park, CA. 94025 U.S.A. |  | <b>Raychem</b> |  |
|                                                                                                                                                                                                                       | CHECKED                                                                             |                       |           | TITLE<br><br>DATA BUS COUPLER, 5 STUB<br>W/CORROSION RESISTANT TRIAXIAL<br>BAYONET CONNECTORS |                                                                                   |                                                                                        |  |                |  |
|                                                                                                                                                                                                                       | APPROVED                                                                            |                       |           |                                                                                               |                                                                                   |                                                                                        |  |                |  |
|                                                                                                                                                                                                                       | APPROVED                                                                            | Z.TEMAN               | 90 JUL 17 |                                                                                               |                                                                                   |                                                                                        |  |                |  |
|                                                                                                                                                                                                                       |                                                                                     | CAD NAME 004948-1.DWG |           |                                                                                               | SIZE<br>A<br>CODE IDENT. NO.<br>06090<br>DWG. NO.<br>D-500-0255-55X-1<br>REV<br>C |                                                                                        |  |                |  |
| THIRD ANGLE<br>PROJECTION                                                                                                                                                                                             |  |                       |           |                                                                                               |                                                                                   |                                                                                        |  |                |  |
|                                                                                                                                                                                                                       |                                                                                     |                       |           | DO NOT SCALE THIS DRAWING                                                                     |                                                                                   |                                                                                        |  | SHEET 1 OF 2   |  |

1.0 INTERMATEABILITY

| CONNECTOR<br>BOX JACK             | MATING PLUG                       | KEY<br>("X") |
|-----------------------------------|-----------------------------------|--------------|
| DK-621-0434-1S<br>(8912004-00-05) | DK-621-0433-1P<br>(8912003-00-01) | A            |
| DK-621-0436-2S<br>(8912004-00-06) | DK-621-0435-2P<br>(8912003-00-02) | B            |
| DK-621-0438-3S<br>(8912004-00-07) | DK-621-0437-3P<br>(8912003-00-03) | C            |
| DK-621-0440-4P<br>(8912004-00-04) | DK-621-0439-4S<br>(8912003-00-08) | D            |

2.0 PERFORMANCE

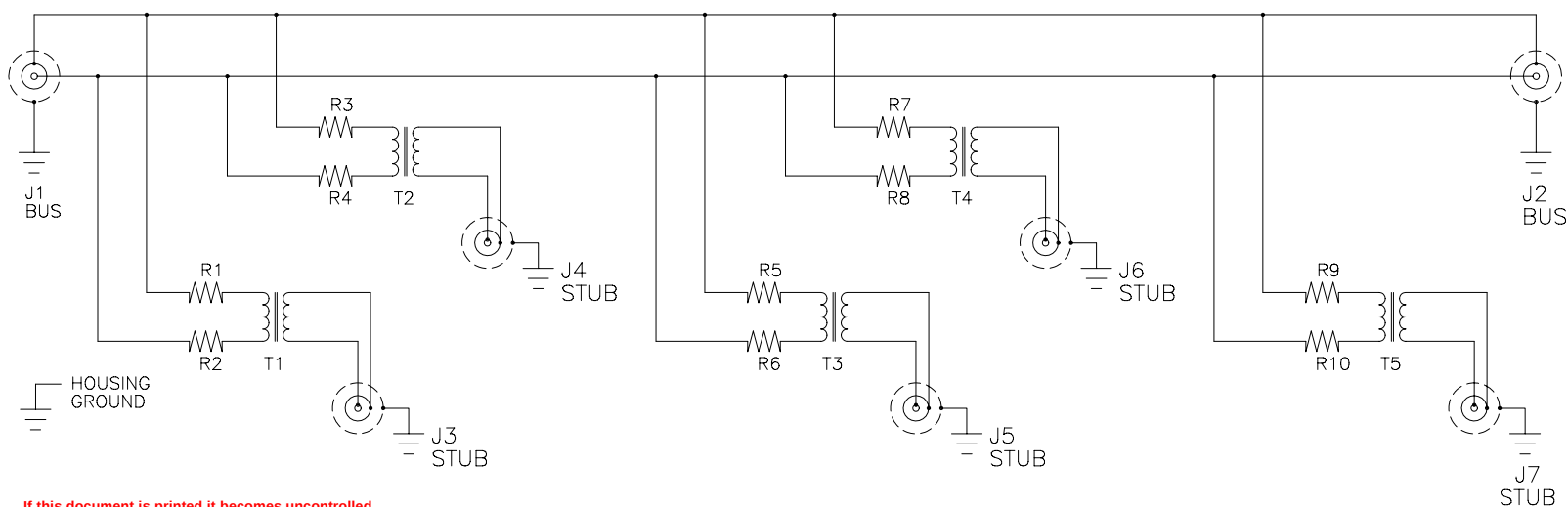
2.1 THIS COUPLER IS DESIGNED TO MEET THE APPLICABLE FUNCTIONAL REQUIREMENT OF RAYCHEM SPECIFICATION D-6021 AND USAF 8912008.

2.2 THE COUPLER SHALL OPERATE UNDER ANY OF THE ENVIRONMENTAL SERVICE CONDITIONS AS SPECIFIED IN MIL-E-5400, CLASS  $\nabla$  UPGRADED TO 125°C CONTINUOUS OPERATION.

2.3 ALTITUDE: SEA LEVEL TO 75,000 FEET

3.0

| D-500-0255                | BUS<br>JACKS<br>J1 AND J2             | STUB<br>JACKS<br>J3 THRU J7           |
|---------------------------|---------------------------------------|---------------------------------------|
| -553-1<br>(8912008-00-13) | DK-621-0434-1S "A"<br>(8912004-00-05) | DK-621-0440-4P "D"<br>(8912004-00-04) |
| -555-1<br>(8912008-00-14) | DK-621-0436-2S "B"<br>(8912004-00-06) | DK-621-0440-4P "D"<br>(8912004-00-04) |
| -557-1<br>(8912008-00-15) | DK-621-0438-3S "C"<br>(8912004-00-07) | DK-621-0440-4P "D"<br>(8912004-00-04) |

SCHEMATIC DIAGRAM

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CAD NAME: 004948-2

DRAWN

J.B.K.

91 APR 29

SIZE

A

CODE IDENT. NO.

06090

DWG. NO.

D-500-0255-55X-1

DO NOT SCALE THIS DRAWING

SHEET 2 OF 2

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