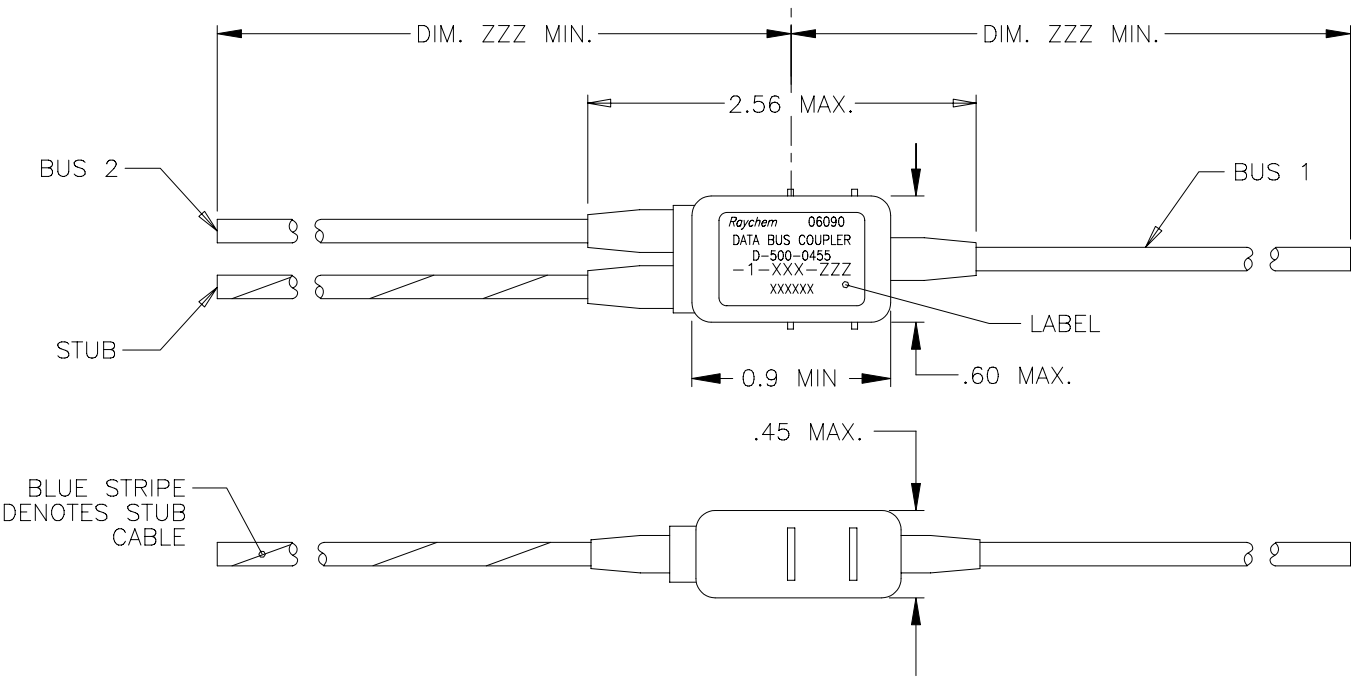
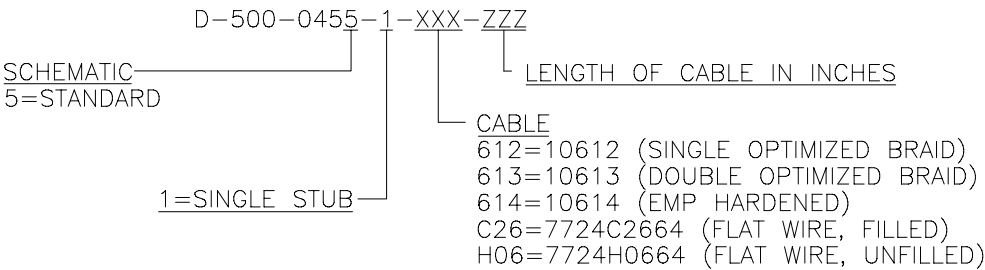


| REVISIONS |                          |         |          |
|-----------|--------------------------|---------|----------|
| REV       | DESCRIPTION              | DATE    | APPROVED |
| B         | RELEASED PER ECN T-28194 | 03OCT00 | TR       |



| COMPONENT NUMBER     | BUS CABLE   | STUB CABLE   |
|----------------------|-------------|--------------|
| D-500-0455-1-612-ZZZ | 10612-24-9  | 10612-24-96  |
| D-500-0455-1-613-ZZZ | 10613-24-9  | 10613-24-96  |
| D-500-0455-1-614-ZZZ | 10614-24-9  | 10614-24-96  |
| D-500-0455-1-C26-ZZZ | 7724C2664-9 | 7724C2664-96 |
| D-500-0455-1-H06-ZZZ | 7724H0664-9 | 7724H0664-96 |



COMPONENT NUMBER

# SPECIFICATION CONTROL DRAWING

If this document is printed it becomes uncontrolled.  
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|                                                                                                                                                                                                                |          |         |         |                                                                                  |                                                                                        |                                  |              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|---------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------|--------------|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES.<br>METRIC DIMENSIONS ARE<br>IN BRACKETS.<br><br>DECIMALS<br>.XXX ± — { — mm }<br>.XX ± — { — mm }<br>ANGLES<br>.X — ± —<br><br>WEIGHT<br>— g { — lbs } | DRAWN    | TIMM    | 95NOV17 | <div><div>tyco</div><div>Electronics</div></div>                                 | Tyco Electronics Corporation<br>300 Constitution Drive<br>Menlo Park, CA. 94025 U.S.A. |                                  | Raychem      |
|                                                                                                                                                                                                                | CHECKED  | Z.TEMAN | 95NOV17 |                                                                                  |                                                                                        |                                  |              |
|                                                                                                                                                                                                                | APPROVED |         |         | TITLE<br><br>ONE STUB IN-LINE<br>DATA BUS MICRO COUPLER<br>04 SERIES<br>STANDARD |                                                                                        |                                  |              |
|                                                                                                                                                                                                                | APPROVED |         |         |                                                                                  |                                                                                        |                                  |              |
|                                                                                                                                                                                                                | CAD NAME |         |         | T28194A.DWG                                                                      |                                                                                        |                                  |              |
| THIRD ANGLE<br>PROJECTION                                                                                                                                                                                      |          |         |         | SIZE<br>A                                                                        | CODE IDENT. NO.<br>06090                                                               | DWG. NO.<br>D-500-0455-1-XXX-ZZZ |              |
|                                                                                                                                                                                                                |          |         |         | DO NOT SCALE THIS DRAWING                                                        |                                                                                        |                                  | SHEET 1 OF 2 |

1. MATERIAL AND FINISHES:
- 1.1 INTERNAL COMPONENTS:

-TRANSFORMER TO MIL-T-21038 AND MIL-STD-1553/B

-RESISTORS TO MIL-R-39007/9, 57.6 OHMS
- 1.2 SHIELDED CASE: ALUMINUM PER ASTM B 618, ALLOY A03560 COND. F.

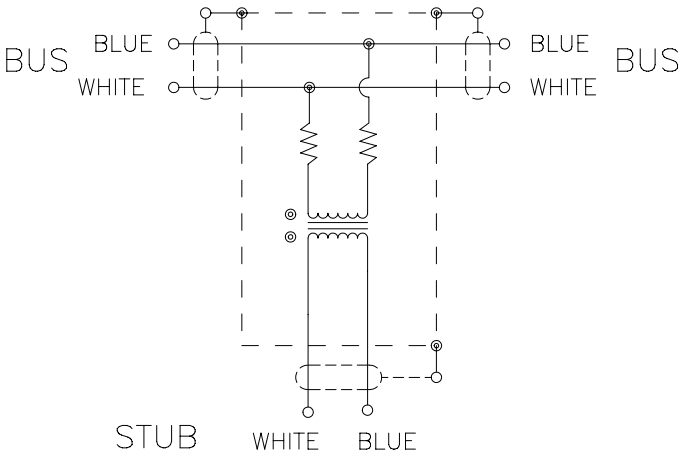
OR ASTM B211, ALLOY A92017
- 1.3 SEALED STRAIN RELIEF COVER: MODIFIED CROSS-LINKED ELASTOMER, BLACK,

TO RAYCHEM SPECIFICATION RK-6713.
- 1.4 CABLE (SEE CABLE TABULATION, SHEET 1).

TO RAYCHEM SPECIFICATION 1200.
2. APPLICATION:
- 2.1 THIS COUPLER IS DESIGNED TO BE INSTALLED INTO A DIGITAL MULTIPLEX ASSEMBLY  
MEETING THE REQUIREMENTS OF MIL-STD-1553B.
- 2.1.1 FOR CABLE SPLICING USE FLEXIBLE SPLICE KIT D-150-9133.
- 2.2 FOR NETWORK LAYOUT ASSISTANCE CONSULT RAYCHEM TECHNICAL SERVICES.
- 2.3 CABLE BEND RADIUS PER MIL-W-5088 STATIC BEND: 5 x CABLE O.D. MIN.

DYNAMIC BEND: 10 x CABLE O.D. MIN.
3. TEMPERATURE:
- 3.1 OPERATING TEMPERATURE: -65°C TO +150°C
4. PERFORMANCE SPECIFICATIONS:
- 4.1 TRANSFORMER MEETS THE PERFORMANCE REQUIREMENTS OF MIL-STD-1553B.
- 4.2
5. WEIGHT:
- 5.1 MAXIMUM WEIGHT WITHOUT CABLE: 10 GRAMS MAX.
6. ORDERING INFORMATION:
- ORDER PER COMPONENT NUMBER. (SEE SHEET 1) AND DESIRED "ZZZ" CABLE LENGTH.
- SPLICE KITS TO BE ORDERED SEPARATELY.
- SPECIFY CERTIFICATION OF CONFORMANCE REQUIREMENTS AS SEPARATE LINE ITEM.

ONE STUB COUPLER SCHEMATIC



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|                           |        |      |         |      |                 |                      |     |
|---------------------------|--------|------|---------|------|-----------------|----------------------|-----|
| CAD NAME: T28194B.DWG     | DRAWN  | TIMM | 95NOV17 | SIZE | CODE IDENT. NO. | DWG. NO.             | REV |
|                           | ISSUED |      |         | A    | 06090           | D-500-0455-1-XXX-ZZZ | B   |
| DO NOT SCALE THIS DRAWING |        |      |         |      |                 | SHEET 2 OF 2         |     |

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