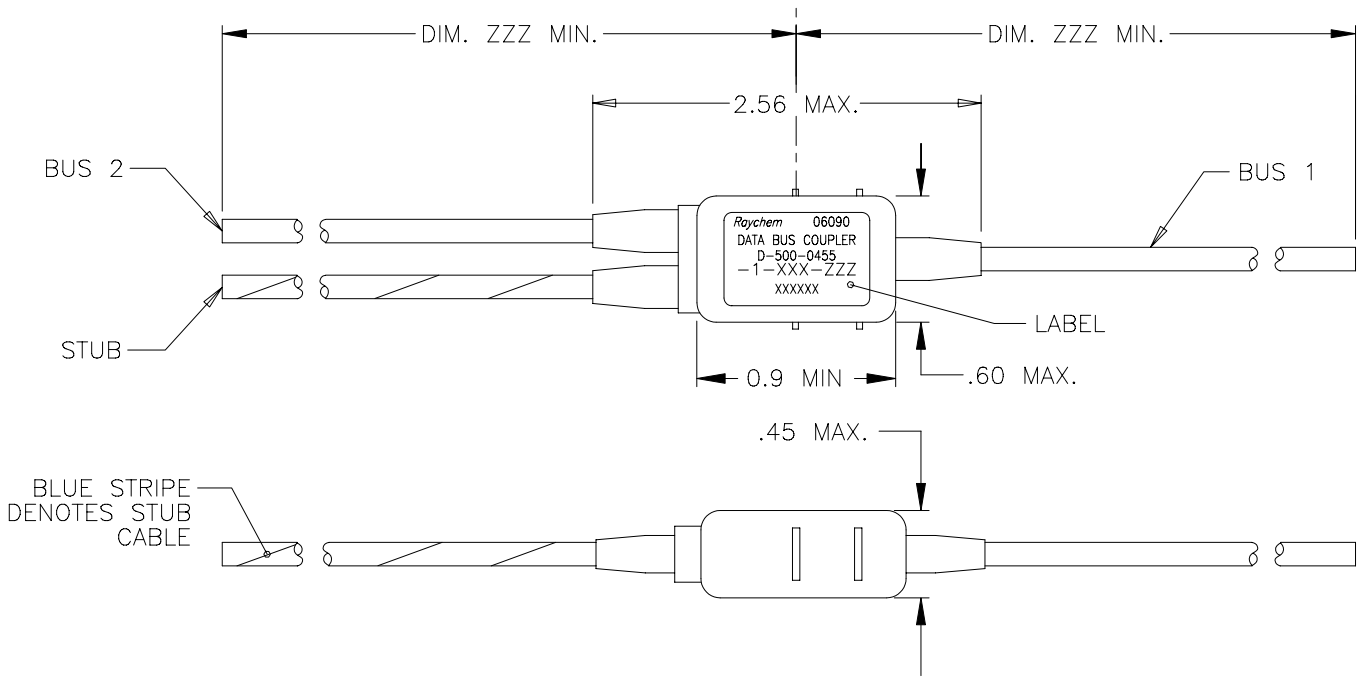


| REVISIONS | | | |
|-----------|--------------------------|---------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| B | RELEASED PER ECN T-28194 | 03OCT00 | TR |



| 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 |

D-500-0455-1-XXX-ZZZ

SCHEMATIC
5=STANDARD

LENGTH OF CABLE IN INCHES

CABLE
 612=10612 (SINGLE OPTIMIZED BRAID)
 613=10613 (DOUBLE OPTIMIZED BRAID)
 614=10614 (EMP HARDENED)
 C26=7724C2664 (FLAT WIRE, FILLED)
 H06=7724H0664 (FLAT WIRE, UNFILLED)

1=SINGLE STUB

COMPONENT NUMBER

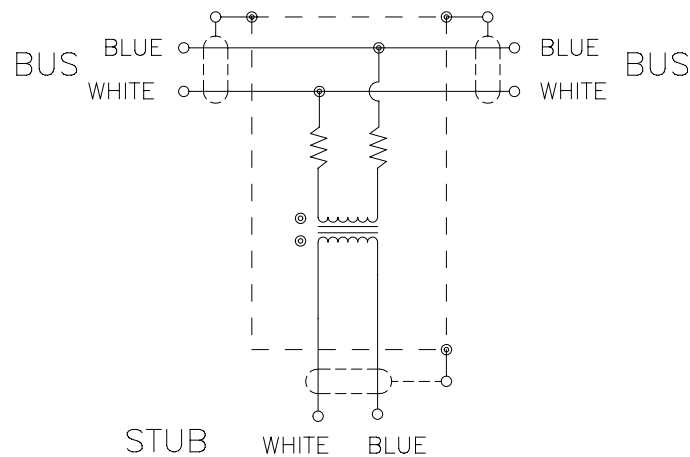
SPECIFICATION CONTROL DRAWING

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| | | | | | | |
|---|-------------|---------|---------|--|--|----------------------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS. DECIMALS .XXX ± — { — mm } .XX ± — { — mm } ANGLES .X — ± — WEIGHT — g { — lbs } | DRAWN | TIMM | 95NOV17 | | Tyco Electronics Corporation 300 Constitution Drive Menlo Park, CA. 94025 U.S.A. | |
| | CHECKED | Z.TEMAN | 95NOV17 | | | |
| | APPROVED | | | TITLE ONE STUB IN-LINE DATA BUS MICRO COUPLER 04 SERIES STANDARD | | |
| | APPROVED | | | SIZE | CODE IDENT. NO. | DWG. NO. |
| CAD NAME | T28194A.DWG | | | A | 06090 | D-500-0455-1-XXX-ZZZ |
| THIRD ANGLE PROJECTION | | | | 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 | |