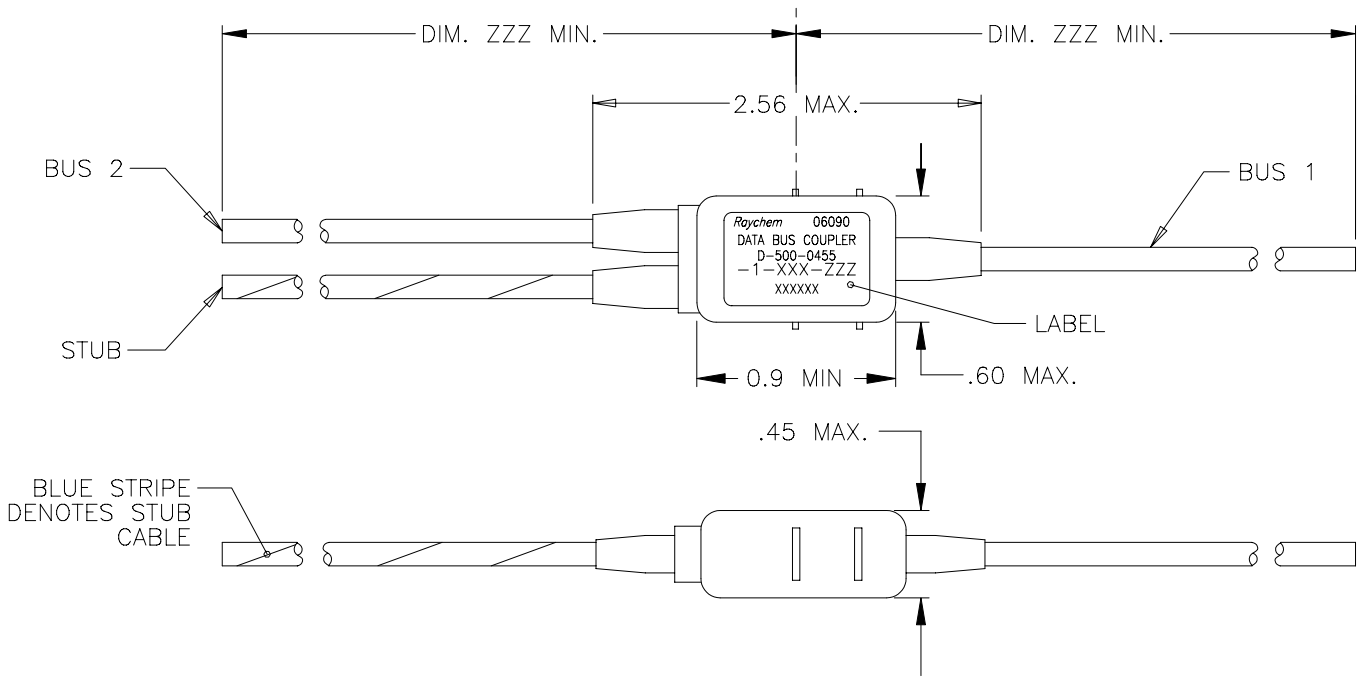


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	RELEASED PER ECN T-28194	03OCT00	TR



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

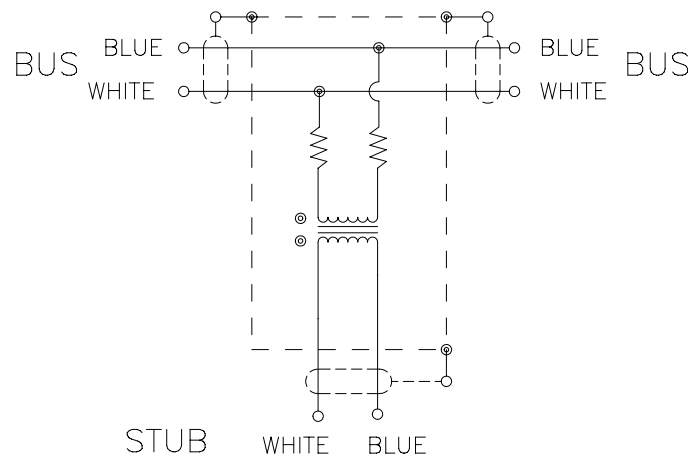
COMPONENT NUMBER

## SPECIFICATION CONTROL DRAWING

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

CAD NAME: T28194B.DWG

DRAWN

TIMM

95NOV17

SIZE

A

CODE IDENT. NO.

06090

DWG. NO.

D-500-0455-1-XXX-ZZZ

REV

B

ISSUED

DO NOT SCALE THIS DRAWING

SHEET 2 OF 2

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[476825-000](#) [575126-000](#) [693758-000](#) [775907-000](#) [841895-000](#) [D-500-0455-1-612-012](#) [D-500-0455-1-612-078](#) [D-500-0455-1-612-236](#) [D-](#)  
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[078](#) [D-500-0458-1-612-120](#) [D-500-0458-1-613-078](#) [D-500-0458-1-613-236](#) [D-500-0458-2-613-078](#) [532367-000](#) [598393-000](#) [847489-000](#)  
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