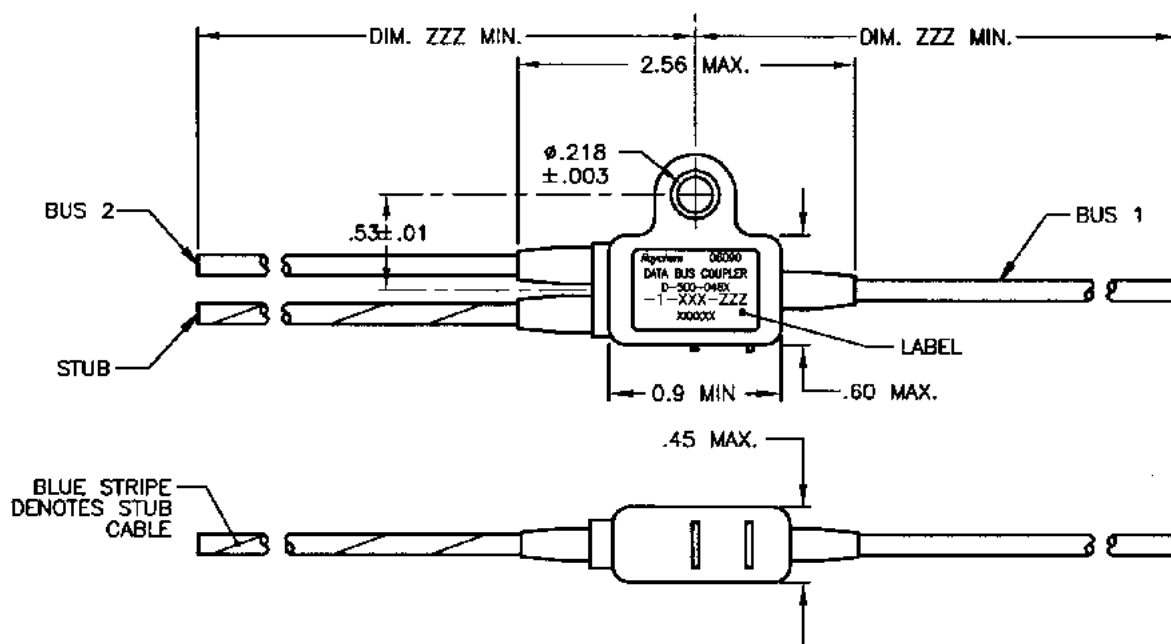


REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
N/C	RELEASED PER EGN T-20235	94Sep 14	305



COMPONENT NUMBER	BUS CABLE	STUB CABLE
D-500-046X-1-612-ZZZ	10612-24-9	10612-24-96
D-500-046X-1-613-ZZZ	10613-24-9	10613-24-96
D-500-046X-1-614-ZZZ	10614-24-9	10614-24-96

D-500-046X-1-XXX-ZZZ
 SCHEMATIC
 5=STANDARD (AS SHOWN)
 6=REVERSE
 (BUS 1 AND BUS 2 ON SAME SIDE)
 1=STUB
 LENGTH OF CABLE IN INCHES
 CABLE
 612=10612
 613=10613
 614=10614

COMPONENT NUMBER

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SPECIFICATION CONTROL DRAWING

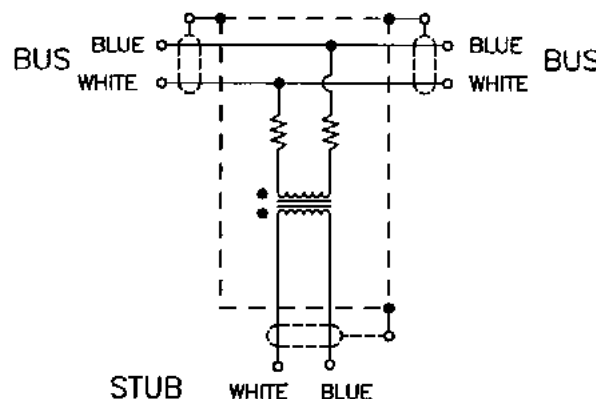
If this document is printed it becomes uncontrolled.
 Check for the latest revision.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS. DECIMALS .XXX ± — { — mm } .XX ± — { — mm } ANGLES .X — ± — WEIGHT — g { — lbs }	DRAWN	D.PIQUE	95JUL06	tyco Tyco Electronics Corporation Electronics 300 Constitutional Drive Menlo Park, CA 94025 USA		Raychem	
	CHECKED			TITLE ONE STUB IN-LINE DATA BUS MICRO COUPLER 04 SERIES			
	APPROVED						
	APPROVED						
	CAD NAME			SIZE CODE IDENT. NO. DWG. NO. REV A 06090 D-500-046X-1-XXX-ZZZ N/C			
	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 SCREW INSERT: STAINLESS STEEL PER ASTM 276 UNS S32100.
 - 1.5 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: 13 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: 001821-2.DWG

DRAWN

DCP

95JUL06

SIZE

CODE IDENT. NO.

DWG. NO.

A

06090

D-500-046X-1-XXX-ZZZ

ISSUED

DO NOT SCALE THIS DRAWING

SHEET 2 OF 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[D-500-0466-1-614-120](#)