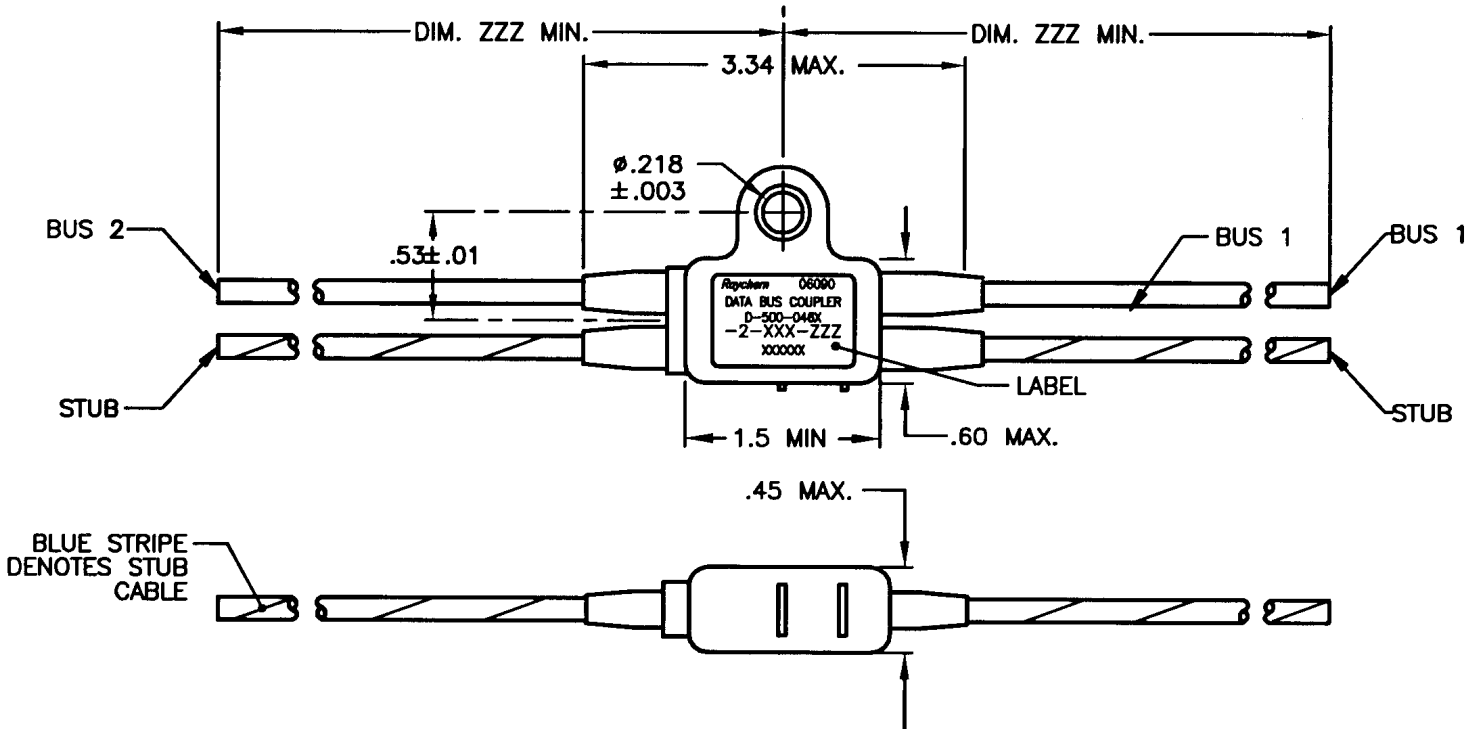


REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
N/C	RELEASED PER ECN T-20344	95Sep14	3CG



COMPONENT NUMBER	BUS CABLE	STUB CABLE
D-500-046X-2-612-ZZZ	10612-24-9	10612-24-96
D-500-046X-2-613-ZZZ	10613-24-9	10613-24-96
D-500-046X-2-614-ZZZ	10614-24-9	10614-24-96

D-500-046X-2-XXX-ZZZ

SCHEMATIC
 5=STANDARD (AS SHOWN)
 6=REVERSE
 (BUS 1 AND BUS 2 ON SAME SIDE)

LENGTH OF CABLE IN INCHES

CABLE
 612=10612
 613=10613
 614=10614

2=TWO STUB

COMPONENT NUMBER

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 }

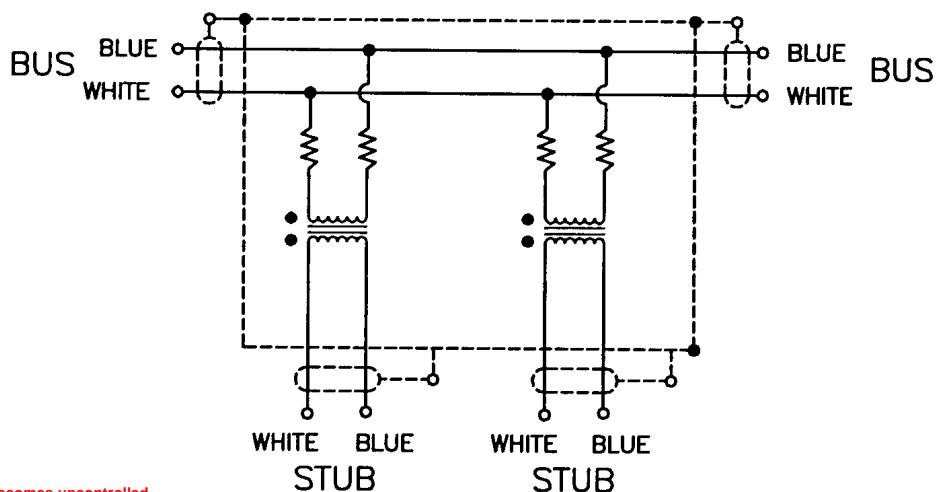
DRAWN	D.PIQUE	95JUL31
CHECKED		
APPROVED		
APPROVED		
CAD NAME 001823-1.DWG		
THIRD ANGLE PROJECTION		

tyco Electronics		Tyco Electronics Corporation 300 Constitutional Drive Menlo Park, CA 94025 USA		Raychem	
TITLE TWO STUB IN-LINE DATA BUS MICRO COUPLER 04 SERIES					
SIZE A	CODE IDENT. NO. 06090	DWG. NO. D-500-046X-2-XXX-ZZZ	REV N/C	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: 18 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.

TWO STUB COUPLER SCHEMATIC



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CAD NAME: 001823-2.DWG	DRAWN	DCP	95JUL31	SIZE	CODE IDENT. NO.	DWG. NO.
	ISSUED			A	06090	D-500-046X-2-XXX-ZZZ
DO NOT SCALE THIS DRAWING						SHEET 2 OF 2

Mouser Electronics

Authorized Distributor

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