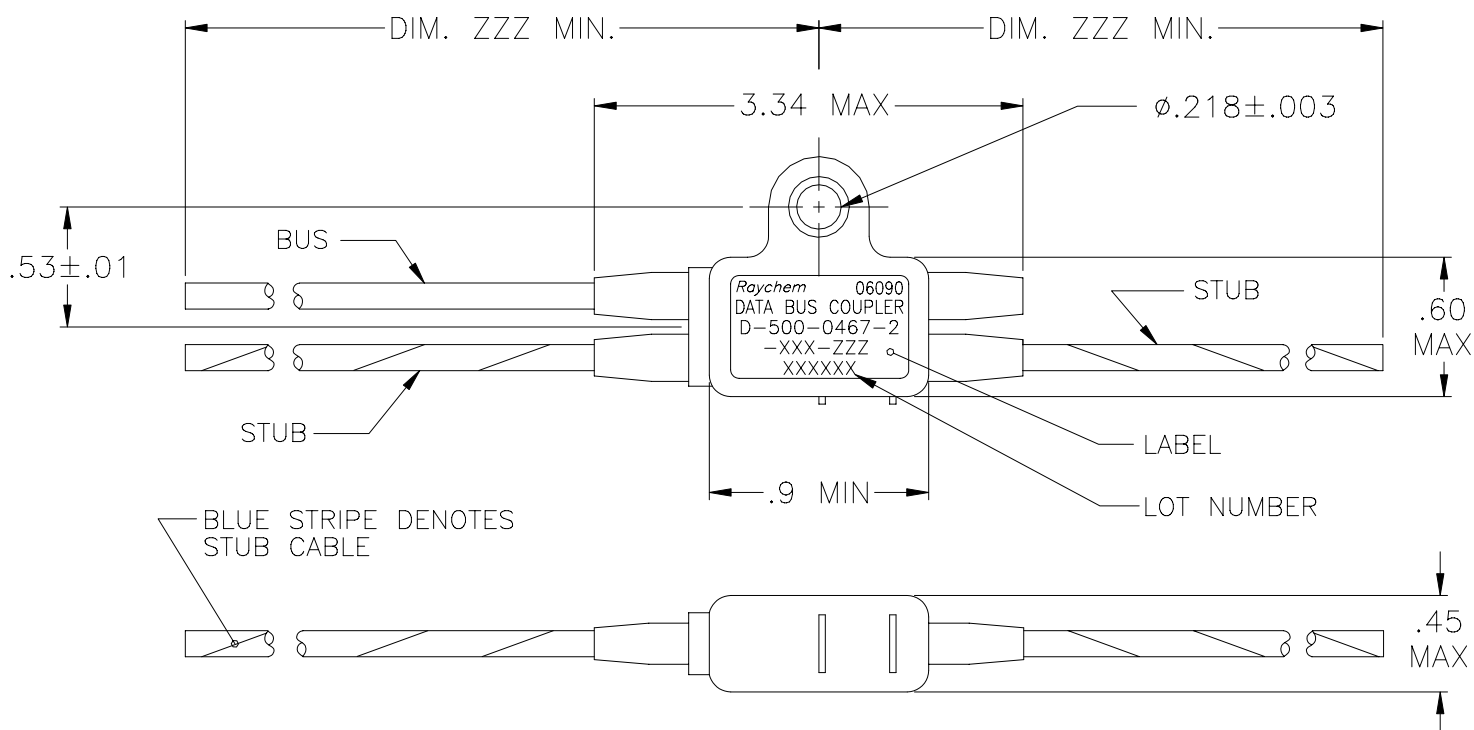


REVISION		
REV	DESCRIPTION	DATE
A	REVISED PER DCR NUMBER T31577	6/12/03



COMPONENT NUMBER	BUS CABLE	STUB CABLE
D-500-0467-2-612-ZZZ	10612-24-9	10612-24-96
D-500-0467-2-613-ZZZ	10613-24-9	10613-24-96
D-500-0467-2-614-ZZZ	10614-24-9	10614-24-96

PART NO. D-500-0467-2-XXX-ZZZ

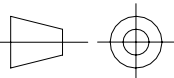
SCHEMATIC ————
7=TERMINATOR (AS SHOWN)

2=DOUBLE STUB

LENGTH OF CABLE (INCHES)

CABLE
 612=10612 (SINGLE OPTIMIZED BRAID)
 613=10613 (DOUBLE OPTIMIZED BRAID)
 614=10614 (EMP HARDENED)

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE INCHES. METRIC DIMENSIONS ARE IN BRACKETS. DECIMAL TOLERANCES .XXX ± --- [--- mm] .XX ± --- [--- mm] .X ± --- [--- mm] ANGLE TOLERANCE .X ± --- WEIGHT SEE NOTES	DRAWN D.PIQUE	DATE 95AUG25	tyco Electronics Tyco Electronics 300 CONSTITUTION DRIVE MENLO PARK, CALIFORNIA 94025 USA		Raychem
	MATERIAL	TITLE DATABUS MICROCOUPLER, TWO STUB, IN-LINE 04 SERIES W/BUS TERMINATOR & MOUNTING LUG			
	FINISH				
	THIRD ANGLE PROJECTION		SIZE A	CODE IDENT. NO. 06090	DWG. NO. D-500-0467-2-XXX-ZZZ
CAD FILE T31577A	DO NOT SCALE THIS DRAWING			SHEET 1 OF 2	

1. MATERIAL AND FINISHES:

1.1 INTERNAL COMPONENTS:

1.1.1 -TRANSFORMER TO MIL-PRF-21038 AND MIL-STD-1553B

1.1.2 -RESISTORS, ISOLATION PER MIL-PRF-39007/9, 57.6 OHMS (R1)

1.1.3 -RESISTOR, TERMINATION PER MIL-PRF-39007/9, 76.8 OHMS (R2)

1.2 SHIELDED CASE: ALUMINUM PER ASTM-B618

1.3 SEALED STRAIN RELIEF COVER: MODIFIED CROSS-LINKED ELASTOMER, BLACK, TO RAYCHEM SPECIFICATION RK-6713.

1.4 CABLE TYPE PER RAYCHEM SPECIFICATION 1200 (SEE PART NO. ON SHEET 1).

2. APPLICATION:

2.1 THIS COUPLER IS DESIGNED TO BE INSTALLED INTO A DIGITAL MULTIPLEX ASSEMBLY MEETING THE REQUIREMENTS OF MIL-STD-1553B.

2.2 FOR CABLE SPLICING USE FLEXIBLE SPLICE KIT D-150-0708-5 (NOT SUPPLIED)

2.3 CABLE BEND RADIUS PER SAE-AS50881 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

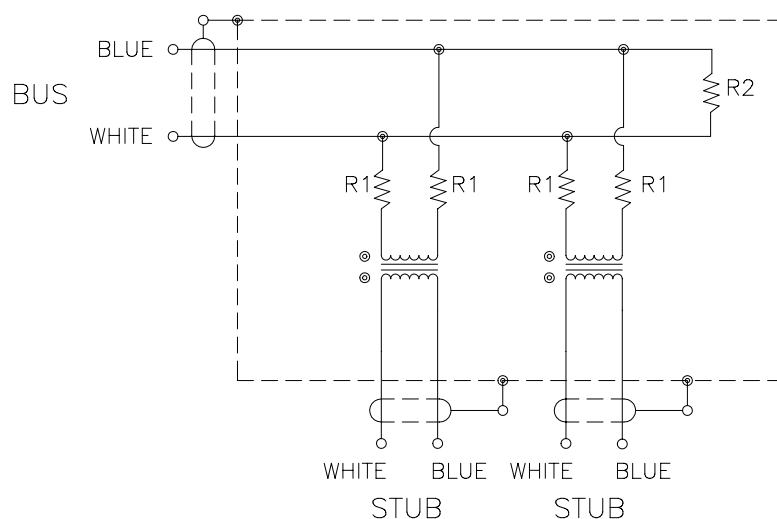
4. PERFORMANCE SPECIFICATIONS:

4.1 TRANSFORMER MEETS THE PERFORMANCE REQUIREMENTS OF MIL-STD-1553B.

4.2 COUPLER MEETS THE PERFORMANCE REQUIREMENTS OF RAYCHEM SPECIFICATION D-6020.

5. WEIGHT:

5.1 MAXIMUM WEIGHT WITHOUT CABLE: 15 GRAMS MAX.

TWO STUB COUPLER SCHEMATIC

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SPECIFICATION CONTROL DRAWING

DRAWN DCP	DATE 95AUG25	SIZE A	CODE IDENT. NO. 06090	DWG. NO. D-500-0467-2-XXX-ZZZ	REV A
CAD FILE T31577B	tyco Electronics	DO NOT SCALE THIS DRAWING			SHEET 2 OF 2