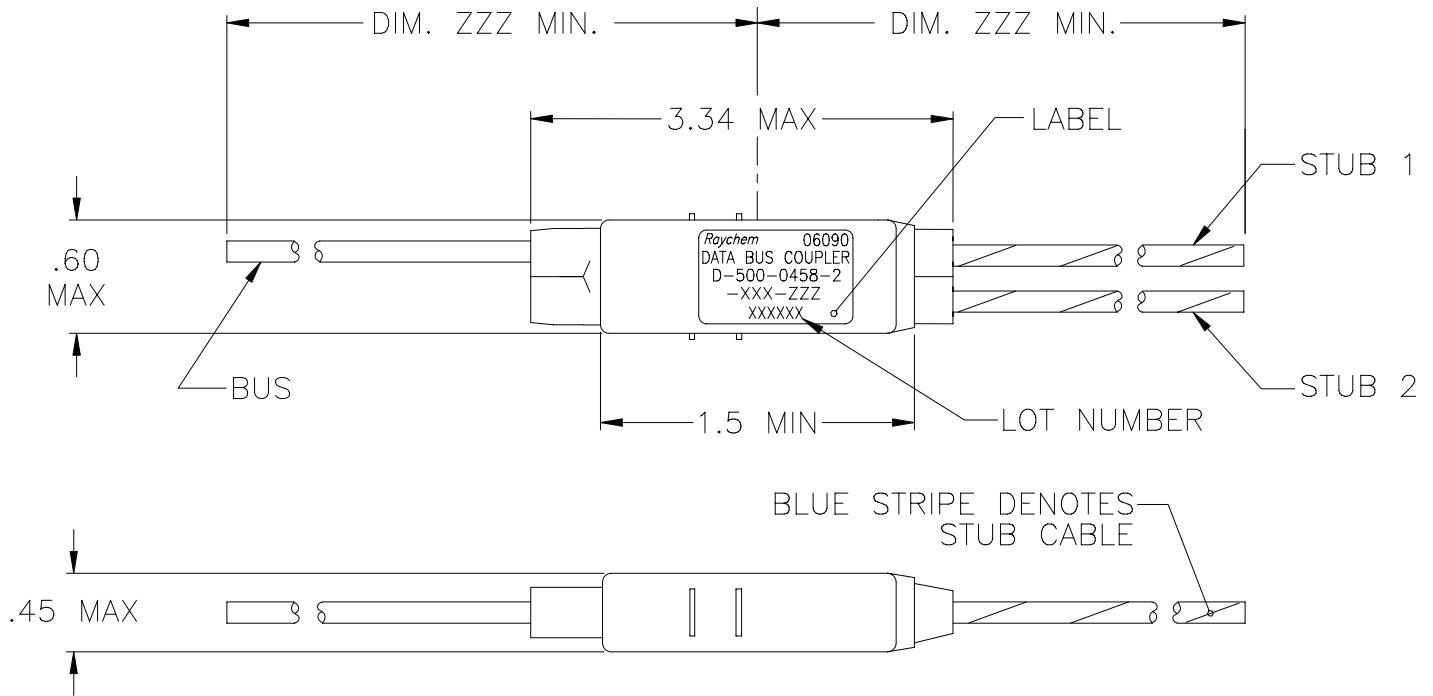


REVISION		
REV	DESCRIPTION	DATE
D	REVISED PER DCR NUMBER T31573	6/12/03



COMPONENT NUMBER	BUS CABLE	STUB CABLE
D-500-0458-2-612-ZZZ	10612-24-9	10612-24-96
D-500-0458-2-613-ZZZ	10613-24-9	10613-24-96
D-500-0458-2-614-ZZZ	10614-24-9	10614-24-96

PART NO. D-500-0458-2-XXX-ZZZ

CONFIGURATION

8=REVERSE WITH INTERNAL
BUS TERMINATOR

2=DOUBLE STUB

LENGTH OF CABLE (INCHES)

CABLE TYPE

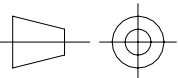
612=10612

613=10613

614=10614

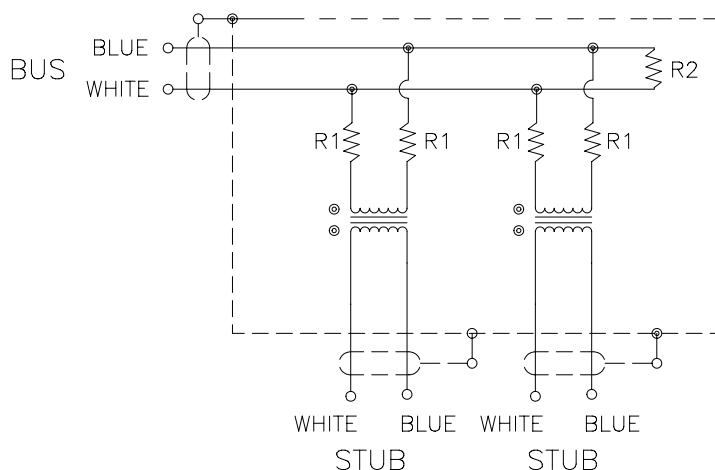
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE INCHES. METRIC DIMENSIONS ARE IN BRACKETS.					DRAWN ZET		DATE 10/24/97		tyco Electronics Tyco Electronics 300 CONSTITUTION DRIVE MENLO PARK, CALIFORNIA 94025 USA Raychem				
DECIMAL TOLERANCES .XXX ± --- [--- mm] .XX ± --- [--- mm] .X ± --- [--- mm]				MATERIAL		FINISH		TITLE DATABUS MICROCOUPLER TWO STUB IN-LINE, REVERSE WITH INTERNAL BUS TERMINATOR					
ANGLE TOLERANCE .X ± ---				THIRD ANGLE PROJECTION				SIZE A		CODE IDENT. NO. 06090		DWG. NO. D-500-0458-2-XXX-ZZZ	
WEIGHT SEE NOTES													
CAD FILE T31573A												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 –RESISTORS, 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 AS 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 ZET	DATE 10/27/97	SIZE A	CODE IDENT. NO. 06090	DWG. NO. D-500-0458-2-XXX-ZZZ	REV D
CAD FILE T31573B	tyco Electronics	DO NOT SCALE THIS DRAWING			SHEET 2 OF 2

Mouser Electronics

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