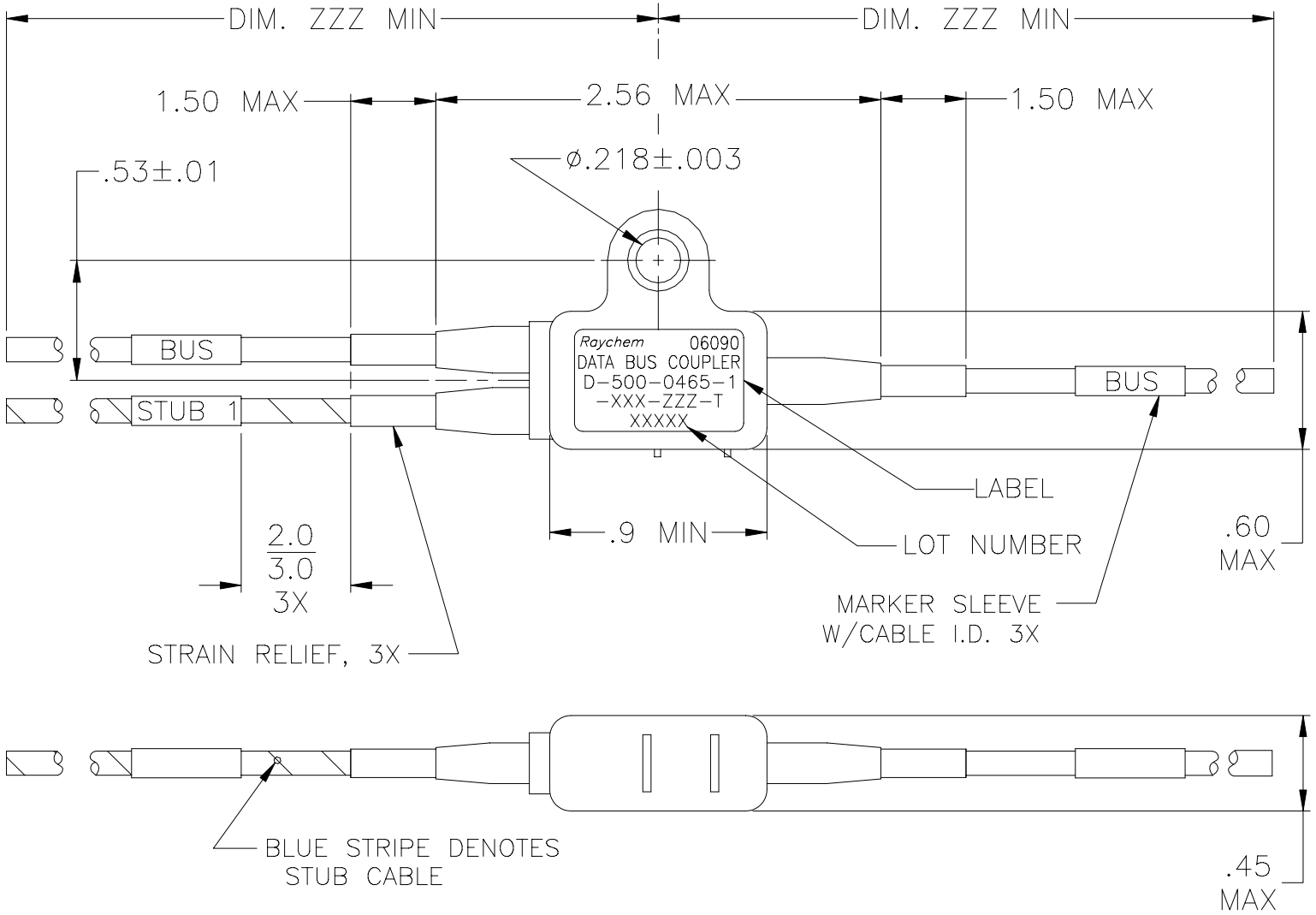


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REVISIONS

REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER DCR NO. T-31842	6/11/03	GMR



PART NO. D-500-0465-1-XXX-ZZZ-T
 1=SINGLE STUB TUBING, STRAIN RELIEF LENGTH OF CABLE IN INCHES
 CABLE
 612=10612 (SINGLE OPTIMIZED BRAID)
 613=10613 (DOUBLE OPTIMIZED BRAID)
 614=10614 (EMP HARDENED)

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SPECIFICATION CONTROL DRAWING

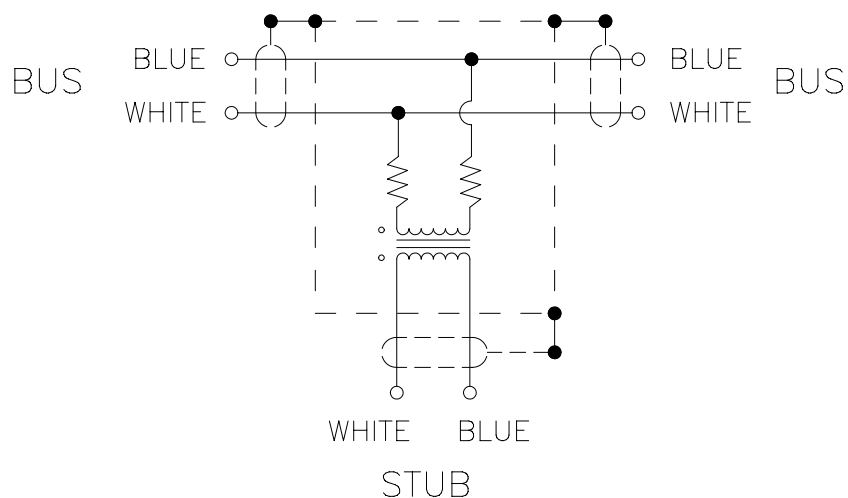
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: .XXX ± .XX ± ANGLE ±	DRAWN T RATZLAFF	DATE 01JAN16	tyco Electronics	Tyco Electronics 300 CONSTITUTION DRIVE MENLO PARK, CALIFORNIA 94025 USA	Raychem	
	CHECKED	DATE				
	MATERIAL	APPROVED P DUTTON	DATE 01JAN16	TITLE DATABUS COUPLER SINGLE STUB IN-LINE W/CABLE STRAIN RELIEF AND MOUNTING LUG		
FINISH	CAD NAME T31842A	SIZE A	CODE IDENT. NO. 06090	DWG. NO. D-500-0465-1-XXX-ZZZ-T	SCALE: DO NOT SCALE THIS DRAWING	SHEET 1 OF 2



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1. MATERIAL AND FINISHES:
 - 1.1 INTERNAL COMPONENTS:
 - 1.1.1 -TRANSFORMER TO MIL-PRF-21038 AND MIL-STD-1553B
 - 1.1.2 -RESISTORS TO MIL-PRF-39007/9, 57.6 OHMS
 - 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).
 - 1.5 STRAIN RELIEF TUBING: RAYCHEM TAT-125.
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: 17 GRAMS MAX.

SINGLE STUB COUPLER SCHEMATIC



SPECIFICATION CONTROL DRAWING

DRAWN T RATZLAFF	DATE 16JAN2001	SIZE A	CODE IDENT. NO. 06090	DWG. NO. D-500-0465-1-XXX-ZZZ-T	REV A
CAD FILE T31842B	tyco Electronics	DO NOT SCALE THIS DRAWING			SHEET 2 OF 2