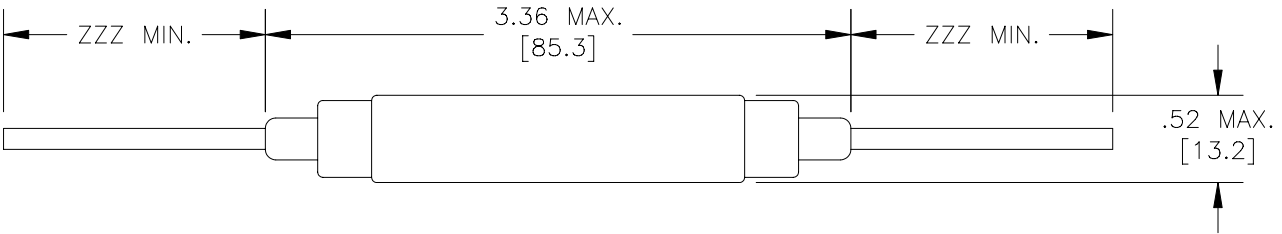
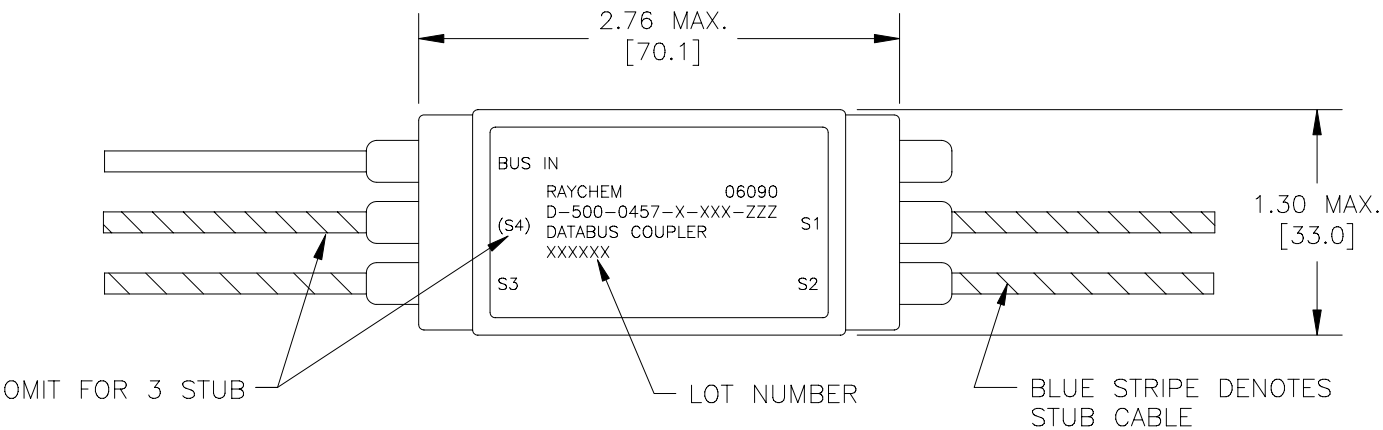


REVISION		
REV	DESCRIPTION	DATE
A	REVISED PER DCR NUMBER T31570	6/12/03



PART NO. D-500-0457-X-XXX-ZZZ

LENGTH OF CABLE (INCHES EG. 024=24 IN.)

CABLE TYPE

612: 10612 (SINGLE OPTIMIZED BRAID)

613: 10613 (DOUBLE OPTIMIZED BRAID)

614: 10614 (EMP HARDENED)

NUMBER OF STUBS (3 OR 4)

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

SPECIFICATION CONTROL DRAWING				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE INCHES. METRIC DIMENSIONS ARE IN BRACKETS. DECIMAL TOLERANCES .XXX ± 0.005 [0.13 mm] .XX ± 0.010 [0.25 mm] .X ± 0.020 [0.50 mm] ANGLE TOLERANCE .X ± 0.5 DEG. WEIGHT SEE NOTES CAD FILE T31570A	DRAWN T RATZLAFF	DATE 12DEC2001	tyco Tyco Electronics 300 CONSTITUTION DRIVE MENLO PARK, CALIFORNIA 94025 USA Raychem	
	MATERIAL	TITLE DATABUS COUPLER, STANDARD, THREE/FOUR STUB, IN-LINE, WITH INTERNAL TERMINATOR		
	FINISH			
	THIRD ANGLE PROJECTION		SIZE A	CODE IDENT. NO. 06090
DO NOT SCALE THIS DRAWING			SHEET 1 OF 2	

1. MATERIAL AND FINISHES:

- 1.1 INTERNAL COMPONENTS
 - 1.1.1 TRANSFORMER COMPLIES TO MIL-PRF-21038 AND MIL-STD-1553B
 - 1.1.2 ISOLATION RESISTORS TO MIL-PRF-39007/9, 57.6 OHMS (R1)
 - 1.1.3 TERMINATION RESISTORS TO MIL-PRF-39007/9, 76.8 OHMS (R2)
- 1.2 SHIELDED CASE: ALUMINUM PER ASTM-B618
- 1.3 CABLE TYPE PER RAYCHEM SPECIFICATION 1200 (SEE PART NO. ON SHEET 1).
- 1.4 ENVIRONMENTAL COVERING: BLACK EPOXY

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

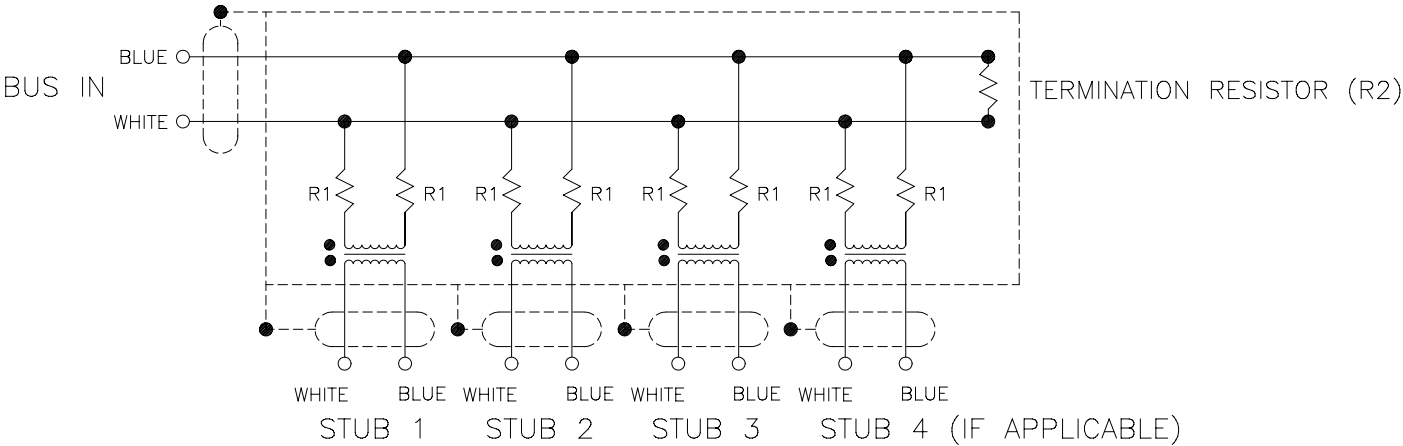
4. PERFORMANCE SPECIFICATIONS:

- 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: 50 GRAMS MAX.

THREE/FOUR STUB COUPLER SCHEMATIC



SPECIFICATION CONTROL DRAWING

DRAWN T_RATZLAFF	DATE 12DEC2001	SIZE A	CODE IDENT. NO. 06090	DWG. NO. D-500-0457-3/4-XXX-ZZZ	REV A
CAD FILE T31570B	tyco Electronics	DO NOT SCALE THIS DRAWING			SHEET 2 OF 2

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[D-500-0457-3-612-079](#)