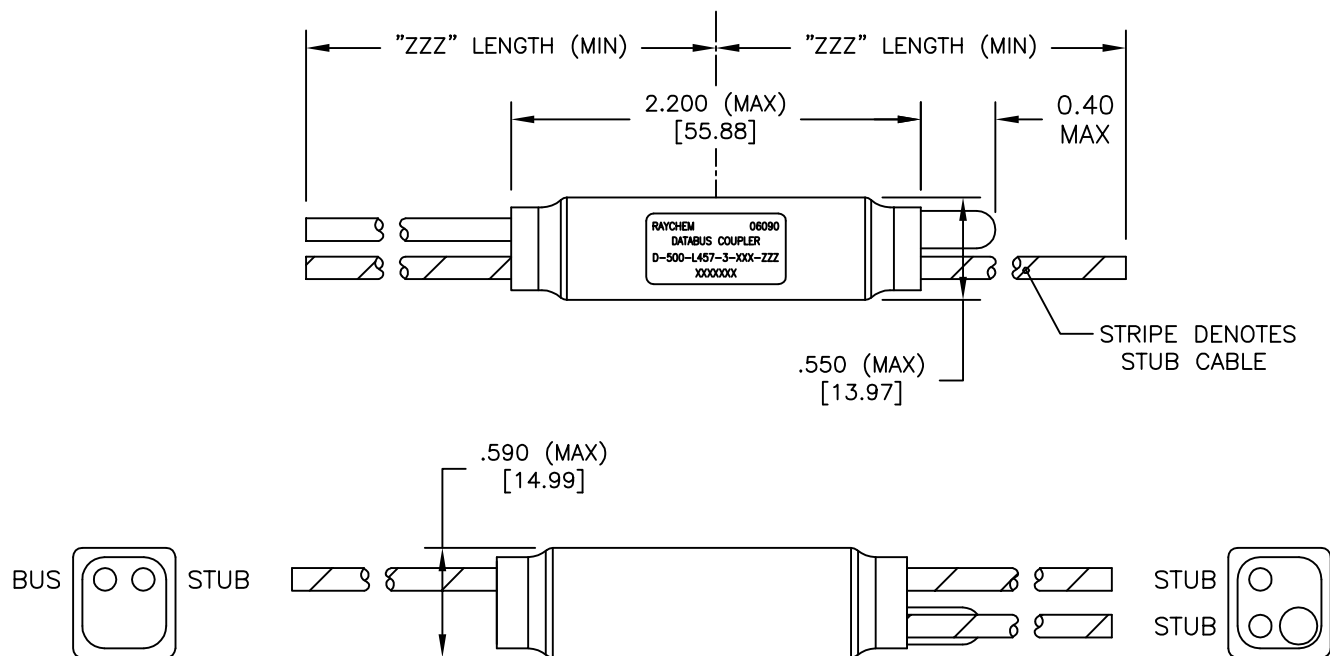


REVISION		
REV	DESCRIPTION	DATE
B	REVISED PER ECO-12-021274	05DEC2012



COMPONENT NUMBER

D-500-L457-3-XXX-ZZZ

7: INTERNAL TERMINATOR

SCHEMATIC

NUMBER
OF STUBSCABLE LENGTH
(INCHES)

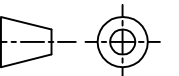
CABLE

612: 10612 (OPTIMIZED SINGLE SHIELD)
 613: 10613 (OPTIMIZED DOUBLE SHIELD)
 614: 10614 (EMP HARDENED)
 EP3: EPD30653Q (BUS), EPD31346A-6L9-US (STUB)
 (OPTIMIZED DOUBLE SHIELD)
 H06: 7724H0664 (FLAT SHIELD WIRE, UNFILLED)
 6D0: 7726D0664 26 AWG OPTIMIZED SINGLE SHIELD
 6D3: 7726D3664 26 AWG OPTIMIZED DOUBLE SHIELD

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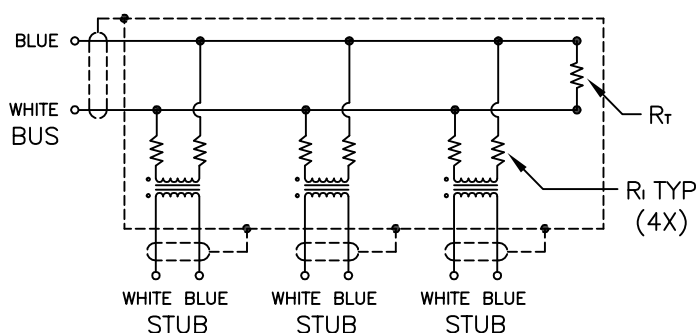
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Raychem Databus
CUSTOMER DRAWING

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 WITHOUT CABLE (MAX) LBS. 0.0304 [13.8 gm]	DRAWN T RATZLAFF	DATE 17MAR2003	 TE Connectivity			
	MATERIAL	TITLE DATABUS MICROCOUPLER, THREE STUB, LIGHTWEIGHT, W/INTERNAL TERMINATOR				
	FINISH					
CAD FILE D-500-L457-3-XXX-ZZZa	THIRD ANGLE PROJECTION				SIZE A	
			CODE IDENT. NO. 06090	DWG. NO. D-500-L457-3-XXX-ZZZ	DO NOT SCALE THIS DRAWING	
			SHEET 1 OF 2			

1. MATERIAL AND FINISHES:1.1 INTERNAL COMPONENTS:

- TRANSFORMER TO MIL-PRF-21038 AND MIL-STD-1553B
- ISOLATION RESISTORS TO MIL-PRF-39007/9, 57.6 OHMS
- TERMINATION RESISTOR TO MIL-PRF-39007/9, 76.8 OHMS

1.2 SHIELDED CASE: ALUMINUM PER ASTM B 618 OR ASTM B2111.3 SEALED COVER: MODIFIED CROSS-LINKED, FLAME RETARDANT, BLACK, FLUOROPOLYMER TO RAYCHEM SPECIFICATION RT-370.1.4 CABLE 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.2.2 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°C4. PERFORMANCE SPECIFICATIONS:4.1 COUPLER MEETS THE PERFORMANCE REQUIREMENTS OF MIL-STD-1553B AND USAF DRAWING 8912026.5. WEIGHT:5.1 WEIGHT WITHOUT CABLE: 13.8 GRAMS (MAXIMUM).6. ORDERING INFORMATION:6.1 ORDER PER COMPONENT NUMBER (SEE SHEET 1) AND DESIRED "ZZZ" CABLE LENGTH.6.2 SPECIFY CERTIFICATION OF CONFORMANCE REQUIREMENTS AS SEPARATE LINE ITEM.6.3 SPLICE KITS TO BE ORDERED SEPARATELY. PRODUCT NUMBER: D-150-0708-5.THREE STUB COUPLER SCHEMATIC

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Raychem Databus
CUSTOMER DRAWING

DRAWN T RATZLAFF		DATE 17MAR2003		SIZE A	CODE IDENT. NO. 06090	DWG. NO. D-500-L457-3-XXX-ZZZ	REV B
CAD FILE D-500-L457-3-XXX-ZZZb				DO NOT SCALE THIS DRAWING		SHEET 2 OF 2	

Mouser Electronics

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