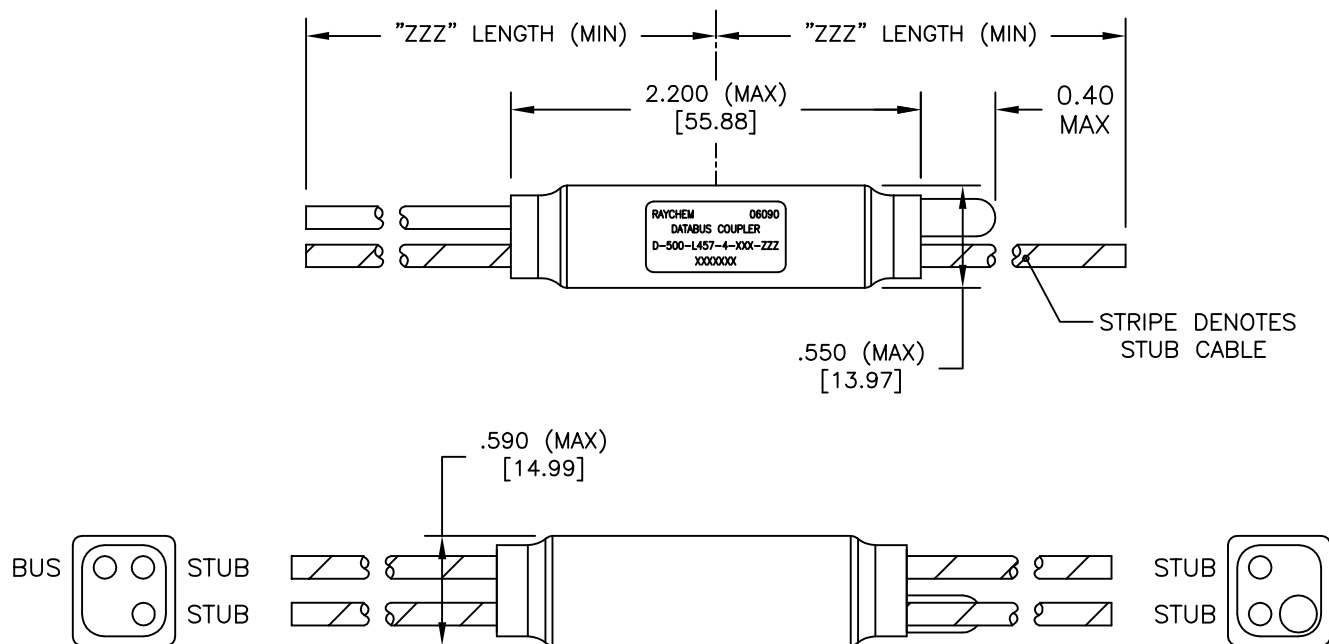


REVISION		
REV	DESCRIPTION	DATE
B	REVISED PER ECO-12-021274	05DEC2012



COMPONENT NUMBER

D-500-L457-4-XXX-ZZZ

SCHEMATIC
7: INTERNAL TERMINATOR

CABLE LENGTH
(INCHES)

NUMBER
OF STUBS

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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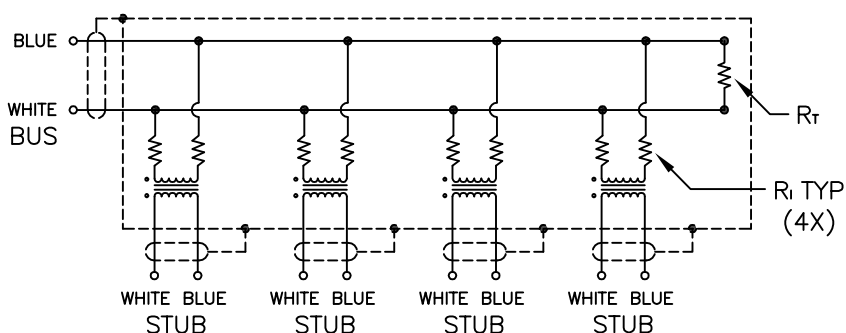
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Raychem Databus
CUSTOMER DRAWING

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. 0.0348 [15.8 gm] CAD FILE D-500-L457-4-XXX-ZZZ.d	DRAWN T RATZLAFF	DATE 17MAR2003	TE TE Connectivity	
	MATERIAL	FINISH	TITLE DATABUS MICROCOUPLER, FOUR STUB, LIGHTWEIGHT, W/INTERNAL TERMINATOR	
THIRD ANGLE PROJECTION		SIZE A	CODE IDENT. NO. 06090	DWG. NO. D-500-L457-4-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: 15.8 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.FOUR STUB COUPLER SCHEMATIC

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Raychem Databus
CUSTOMER DRAWING

DRAWN T RATZLAFF	DATE 17MAR2003	 TE Connectivity	SIZE A	CODE IDENT. NO. 06090	DWG. NO. D-500-L457-4-XXX-ZZZ		REV B
CAD FILE D-500-L457-4-XXX-ZZZb			DO NOT SCALE THIS DRAWING		SHEET 2 OF 2		