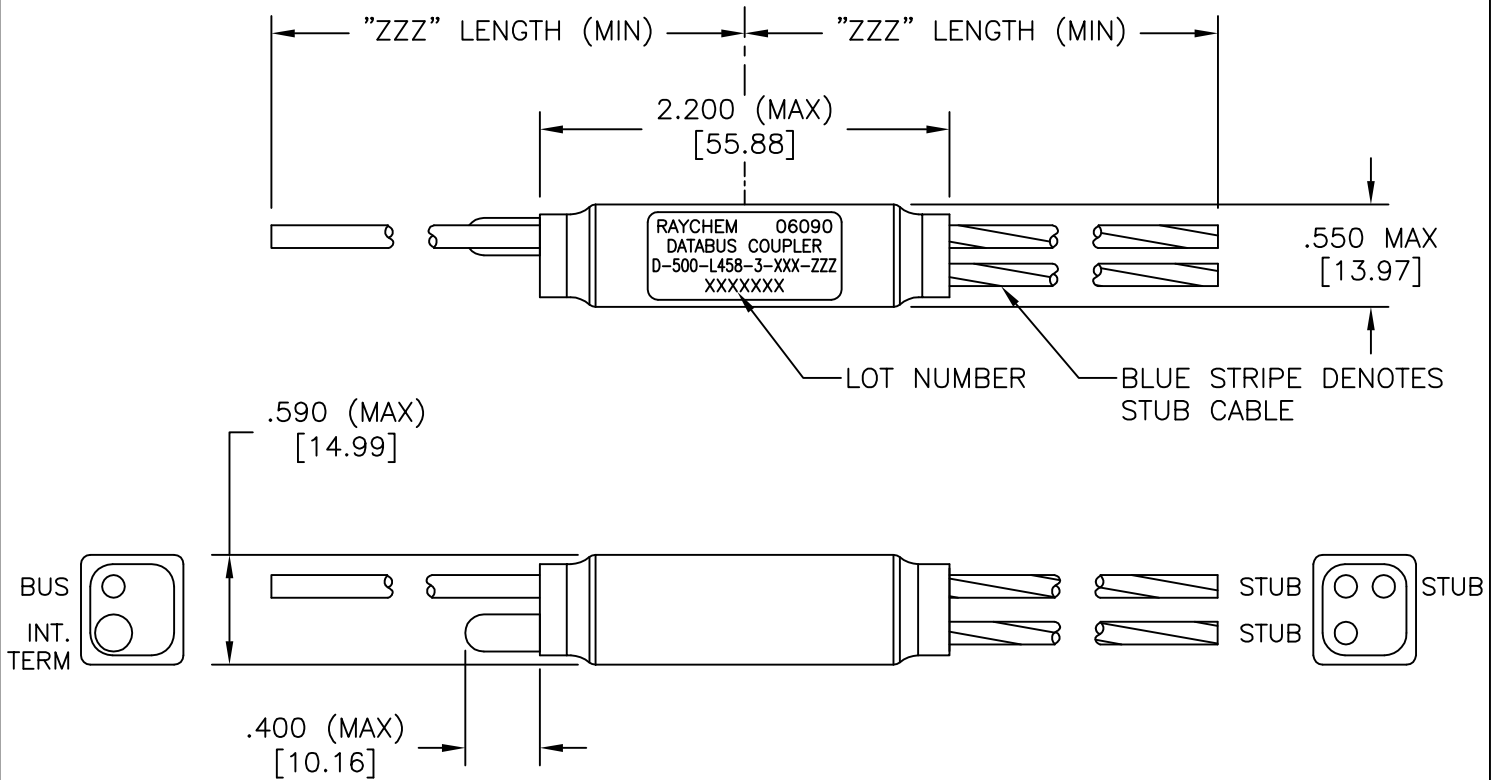


REVISION		
REV	DESCRIPTION	DATE
C	REVISED PER ECO-12-021274	05DEC2012



COMPONENT NO. D-500-L458-3-XXX-ZZZ

SCHEMATIC

8: REVERSE WITH
INTERNAL TERMINATOR

NUMBER OF STUBS

CABLE 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

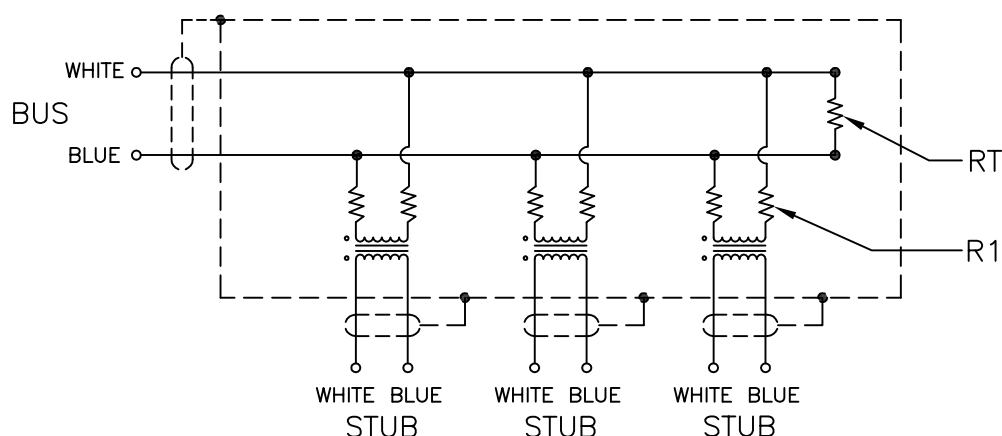
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Raychem Databus
CUSTOMER DRAWING

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 .0304 [13.8 gm] CAD FILE D-500-L458-3-XXX-ZZZα	DRAWN G.Rositano	DATE 10/3/06	TE Connectivity		
	MATERIAL	TITLE DATABUS MICROCOUPLER, THREE STUB, REVERSE, WITH INTERNAL TERMINATOR, LIGHTWEIGHT			
	FINISH				
THIRD ANGLE PROJECTION			SIZE A	CODE IDENT. NO. 06090	DWG. NO. D-500-L458-3-XXX-ZZZ
DO NOT SCALE THIS DRAWING			SHEET 1 OF 2		

1.0 MATERIAL AND FINISHES:**1.1 INTERNAL COMPONENTS:**

- TRANSFORMER TO MIL-PRF-21038 AND MIL-STD-1553B.
- RESISTORS, ISOLATION (R1) TO MIL-PRF-39007/9, 57.6 OHMS.
- RESISTOR, TERMINATION (RT) TO MIL-PRF-39007/9, 76.8 OHMS.

1.2 SHIELDED CASE: ALUMINUM PER ASTM-B618.**1.3 SEALED COVER: MODIFIED CROSS-LINKED, FLAME RETARDANT, BLACK, FLUOROPOLYMER TO RAYCHEM SPECIFICATION RT-370.****1.4 CABLE TO RAYCHEM SPECIFICATION 1200.****2.0 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.**
3.0 TEMPERATURE:**3.1 OPERATING TEMPERATURE: -65°C TO +150°C****4.0 PERFORMANCE SPECIFICATIONS:****4.1 COUPLER MEETS THE PERFORMANCE REQUIREMENTS OF MIL-STD-1553B AND USAF DRAWING 8912026.****5.0 WEIGHT:****5.1 WEIGHT WITHOUT CABLE: 13.8 GRAMS (MAXIMUM).**THREE STUB COUPLER SCHEMATIC

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CUSTOMER DRAWING

DRAWN G.Rositano	DATE 10/3/06	SIZE A	CODE IDENT. NO. 06090	DWG. NO. D-500-L458-3-XXX-ZZZ	REV C
CAD FILE D-500-L458-3-XXX-ZZZb		DO NOT SCALE THIS DRAWING			SHEET 2 OF 2