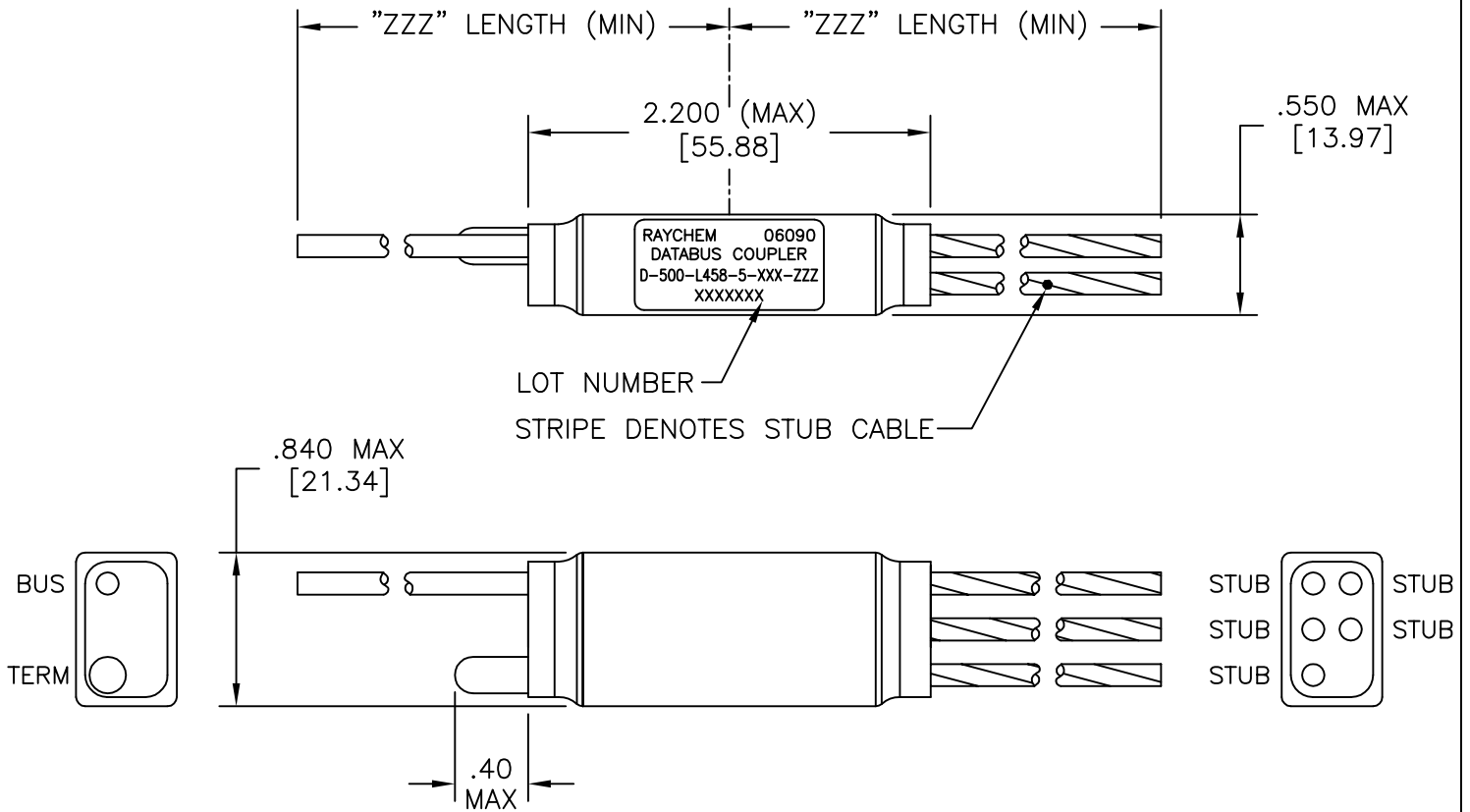


REVISION		
REV	DESCRIPTION	DATE
C	REVISED PER ECO-12-021274	05DEC2012



COMPONENT NUMBER: D-500-L458-5-XXX-ZZZ

SCHEMATIC
8: REVERSE WITH
INTERNAL TERMINATOR
NUMBER OF STUBS

CABLE LENGTH (INCHES)

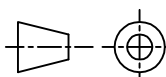
CABLE

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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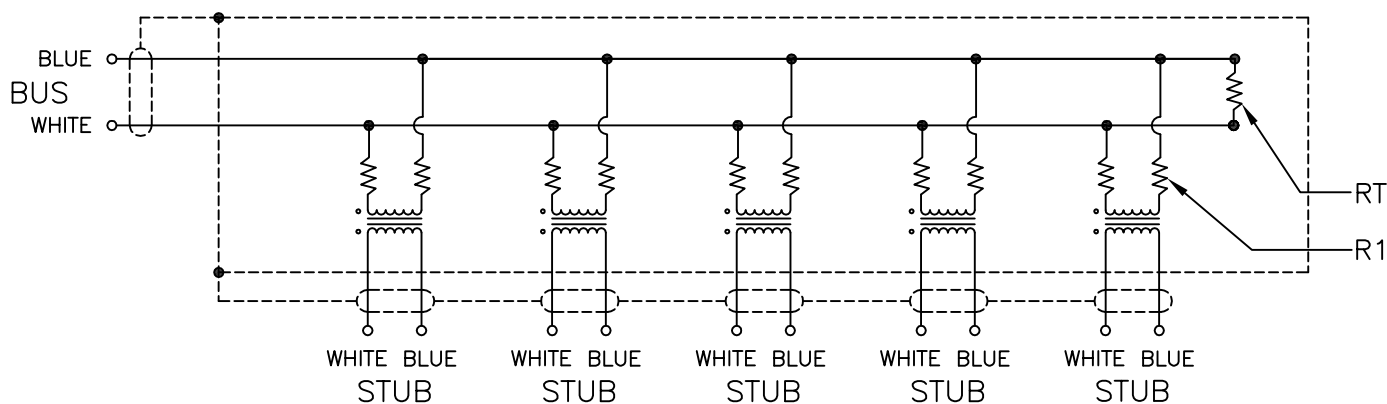
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Raychem Databus
CUSTOMER DRAWING

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. .0393 [17.8 gm]	DRAWN G.Rositano	DATE 11/15/06	 TE Connectivity			
	MATERIAL	TITLE DATABUS MICROCOUPLER FIVE STUB, REVERSE W/INT TERMINATOR, LIGHTWEIGHT				
	FINISH					
CAD FILE D-500-L458-5-XXX-ZZZa	THIRD ANGLE PROJECTION			SIZE A	CODE IDENT. NO. 06090	DWG. NO. D-500-L458-5-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
- RESISTORS, 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°C4.0 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: 17.8 GRAMS MAX.FIVE STUB COUPLER SCHEMATIC

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DRAWN G.Rositano	DATE 11/15/06	SIZE A	CODE IDENT. NO. 06090	DWG. NO. D-500-L458-5-XXX-ZZZ	REV C
CAD FILE D-500-L458-5-XXX-ZZZb					
DO NOT SCALE THIS DRAWING				SHEET 2 OF 2	