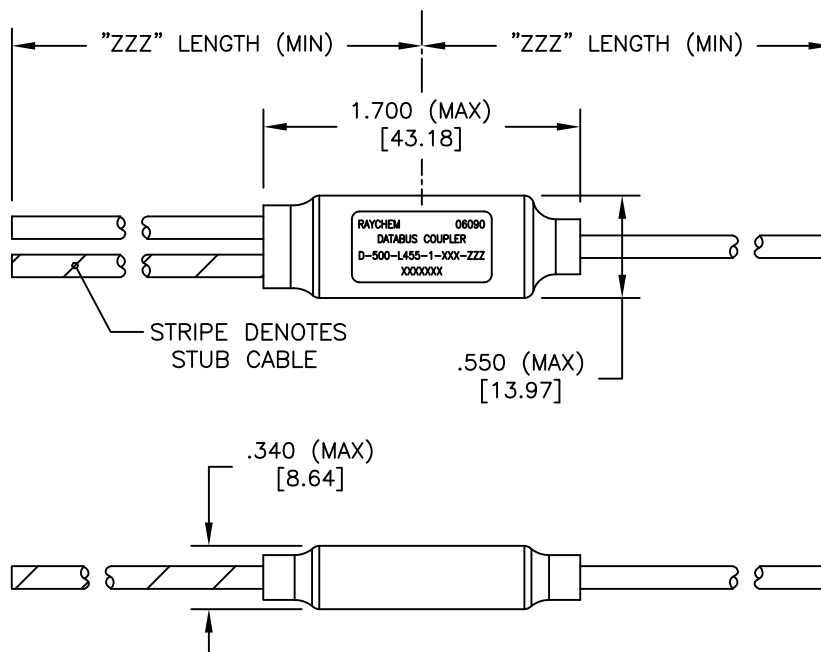


REVISION		
REV	DESCRIPTION	DATE
C	REVISED PER ECO-12-018952	26OCT2012



COMPONENT NUMBER

D-500-L455-1-XXX-ZZZ

SCHEMATIC
5: STANDARD

NUMBER
OF STUBS

CABLE LENGTH
(INCHES)

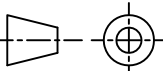
CABLE

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

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

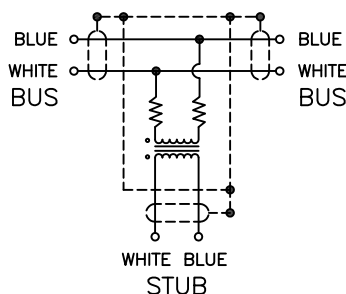
Raychem Databus
CUSTOMER DRAWING

© 2011-2012 Tyco Electronics Corporation. All Rights Reserved.

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. 0.0143 [6.50 gm]	DRAWN T RATZLAFF	DATE 07DEC2001	 TE Connectivity	
	MATERIAL	TITLE DATABUS MICROCOUPLER, SINGLE STUB, LIGHTWEIGHT		
	FINISH			
	CAD FILE D-500-L455-1-XXX-ZZZa	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:
 - TRANSFORMER TO MIL-PRF-21038 AND MIL-STD-1553B
 - RESISTORS TO MIL-PRF-39007/9, 57.6 OHMS
 - 1.2 SHIELDED CASE: ALUMINUM PER ASTM B 618 OR ASTM B211
 - 1.3 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°C
4. PERFORMANCE SPECIFICATIONS:
 - 4.1 COUPLER MEETS THE PERFORMANCE REQUIREMENTS OF MIL-STD-1553B AND USAF DRAWING 8912026.
5. WEIGHT:
 - 5.1 WEIGHT WITHOUT CABLE: 6.5 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.

SINGLE STUB COUPLER SCHEMATIC



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

© 2011–2012 Tyco Electronics Corporation. All Rights Reserved.

Raychem Databus
CUSTOMER DRAWING

DRAWN T RATZLAFF	DATE 07DEC2001		SIZE A	CODE IDENT. NO. 06090	DWG. NO. D-500-L455-1-XXX-ZZZ	REV C
CAD FILE D-500-L455-1-XXX-ZZZb			DO NOT SCALE THIS DRAWING			SHEET 2 OF 2