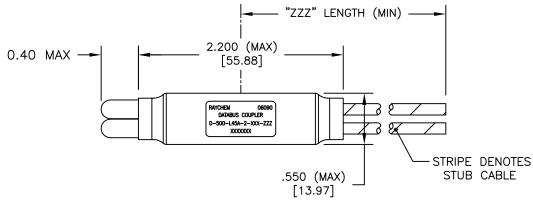
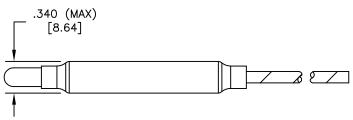
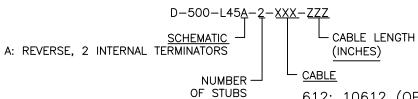
		(100 011 11 101 11 100)			
REVISION					
REV	DATE				
В	REVISED PER ECO-12-021274	05DEC2012			





COMPONENT NUMBER



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: 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

(C) 2012 Tyco Electronics Corporation. All Rights Reserved.

0.13 mm]

0.25 mm]

[0.50 mm]

T RATZLAFF 13MAR2003

TE Connectivity

DATABUS MICROCOUPLER,

TWO STUB, REVERSE,

TWO INTERNAL TERMINATORS,

LIGHTWEIGHT

ANGLE TOLERANCE .X ± 0.5 DEG.

 $.XXX \pm 0.005$

 $.XX \pm 0.010$

DECIMAL TOLERANCES

 ± 0.020

WEIGHT WITHOUT CABLE (MAX) LBS. 0.4725 [12.00 gm]

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE INCHES. METRIC

DIMENSIONS ARE IN BRACKETS.

CAD FILE | D-500-L45A-2-XXX-ZZZa THIRD ANGLE PROJECTION

A CODE IDENT. NO. A

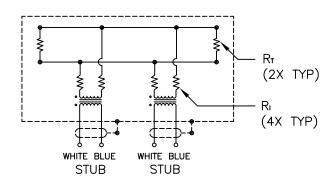
. no. D-500-L45A-2-XXX-ZZZ

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 RESISTORS TO MIL-PRF-39007/9, 76.8 OHMS
- 1.2 SHIELDED CASE: ALUMINUM PER ASTM B618 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: 12.0 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.

TWO STUB COUPLER SCHEMATIC



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

 $\hbox{\Large \textcircled{C}}$ 2012 Tyco Electronics Corporation. All Rights Reserved.

Raychem Databus CUSTOMER DRAWING

DRAWN	DATE		SIZE	CODE IDENT. NO.	DWG. NO.		REV
T RATZLAFF	13MAR2003	TF TE Connectivity	A	06090	D-500-L	45A-2-XXX-ZZZ	В
D-500-L45A-2-XXX-ZZZb		Connectivity					
			DO	NOT SCALE	THIS DRAWING	SHEET 2 OF 2	