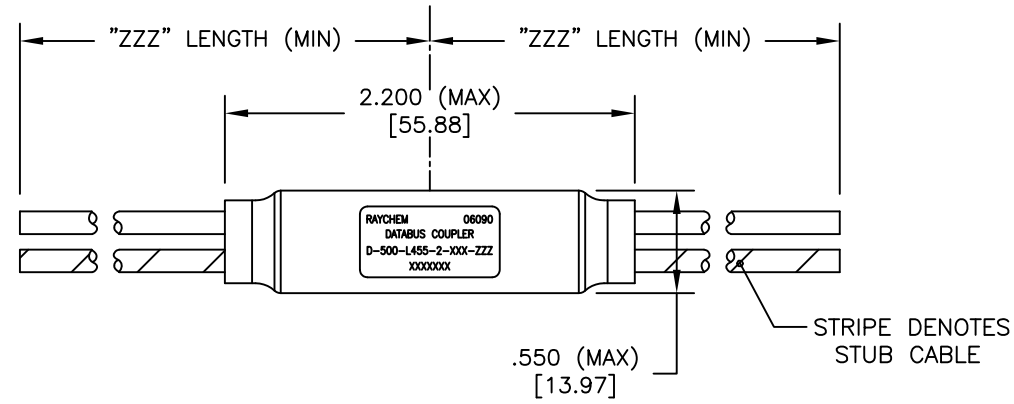
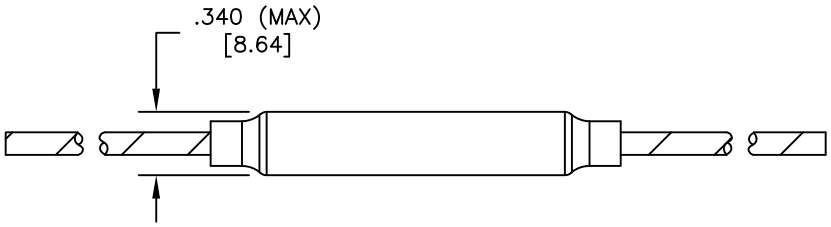
DIMENSIONING AND TOLERANCING PER ASME Y14.5M (ISO STANDARDS)

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





COMPONENT NUMBER

D-500-L455-2-XXX-ZZZ

- SCHEMATIC 5: STANDARD
- NUMBER OF STUBS
- CABLE
- CABLE LENGTH (INCHES)

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. 0.0209 [9.50 gm]

CAD FILE: D-500-L455-2-XXX-ZZZa

DRAWN: T RATZLAFF
DATE: 07DEC2001
MATERIAL:
FINISH:

THIRD ANGLE PROJECTION

TE Connectivity

TITLE: DATABUS MICROCOUPLER, DOUBLE STUB, LIGHTWEIGHT

SIZE	CODE IDENT. NO.	DWG. NO.
A	06090	D-500-L455-2-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
–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: 9.5 GRAMS (MAXIMUM).

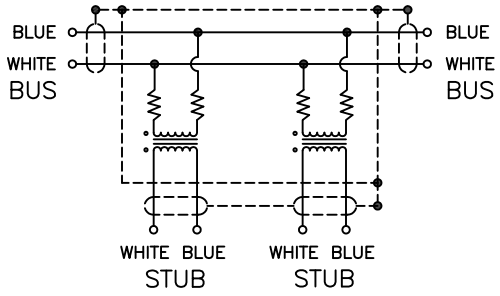
6. ORDERING INFORMATION:

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.

DOUBLE STUB COUPLER SCHEMATIC



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Raychem Databus
CUSTOMER DRAWING

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