Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!
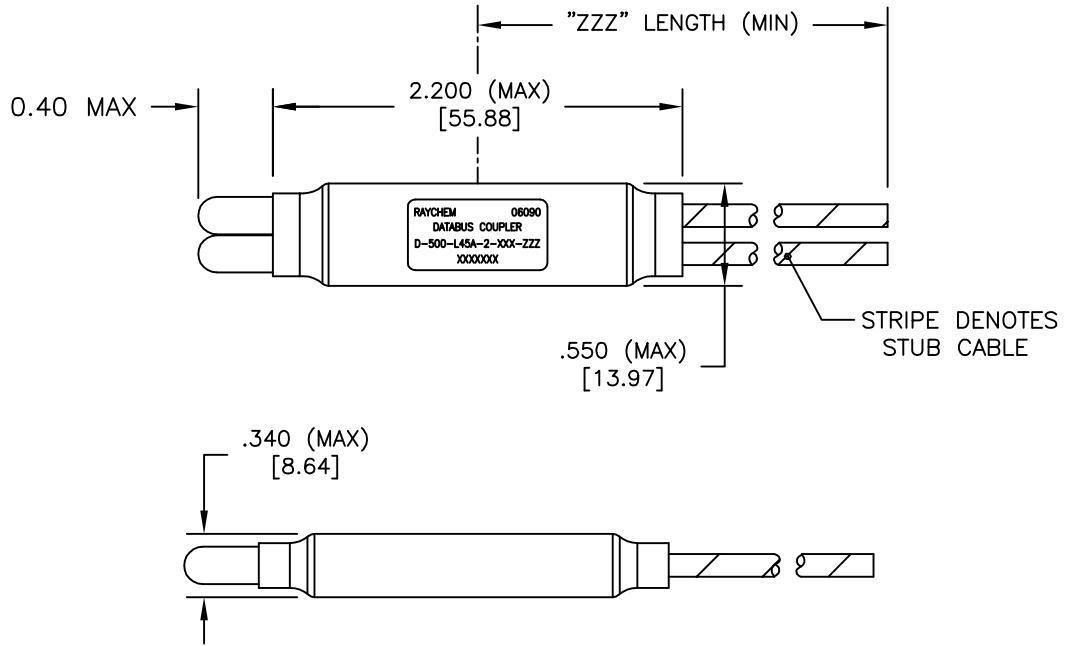
REVISION		
REV	DESCRIPTION	DATE
B	REVISED PER ECO-12-021274	05DEC2012

"ZZZ" LENGTH (MIN)

0.40 MAX

2.200 (MAX)
[55.88]

RAYCHEM 06090
DATABUS COUPLER
D-500-L45A-2-XXX-ZZZ
XXXXXXX

STRIPE DENOTES
STUB CABLE

.550 (MAX)
[13.97]

.340 (MAX)
[8.64]

COMPONENT NUMBER

D-500-L45A-2-XXX-ZZZ

SCHEMATIC

A: REVERSE, 2 INTERNAL TERMINATORS

CABLE LENGTH
(INCHES)

NUMBER
OF STUBS

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

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. 0.4725 [12.00 gm]	DRAWN T RATZLAFF	DATE 13MAR2003	

TE Connectivity

MATERIAL

TITLE
DATABUS MICROCOUPLER,
TWO STUB, REVERSE,
TWO INTERNAL TERMINATORS,
LIGHTWEIGHT

FINISH

THIRD ANGLE PROJECTION

SIZE A	CODE IDENT. NO. 06090	DWG. NO. D-500-L45A-2-XXX-ZZZ
	DO NOT SCALE THIS DRAWING	SHEET 1 OF 2

CAD FILE
D-500-L45A-2-XXX-ZZZa

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.
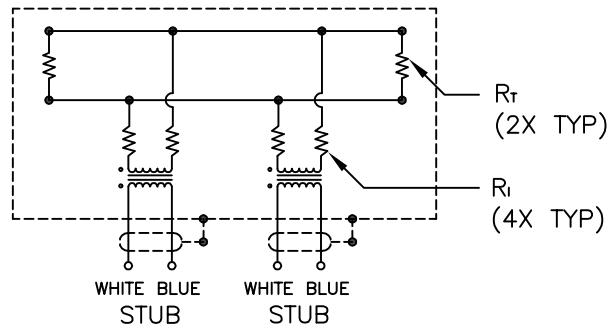   DYNAMIC BEND: 10 x CABLE O.D. MIN.

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

R_T
(2X TYP)

R_I
(4X TYP)

WHITE BLUE   WHITE BLUE
    STUB   STUB

Raychem Databus
CUSTOMER DRAWING

DRAWN	DATE		SIZE	CODE IDENT. NO.	DWG. NO.	REV
T RATZLAFF	13MAR2003	≡TE TE Connectivity	A	06090	D–500–L45A–2–XXX–ZZZ	B
CAD FILE						
D–500–L45A–2–XXX–ZZZb			DO NOT SCALE THIS DRAWING		SHEET 2 OF 2	