



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!



Contact us

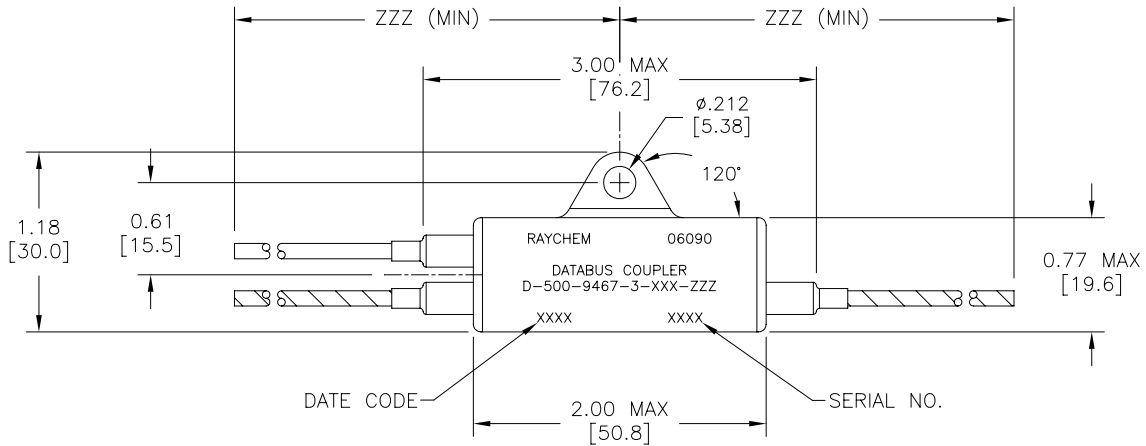
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| REVISION | | |
|----------|---------------------------------|---------|
| REV | DESCRIPTION | DATE |
| A | REVISED DWG PER DCR NO. C050833 | 1/10/06 |



PART NO. D-500-9467-3-XXX-ZZZ

3 = 3 STUB

LENGTH OF CABLE (INCHES)

CABLE

- S16 = OPTIMIZED SINGLE SHIELD
- S36 = OPTIMIZED DOUBLE SHIELD
- S86 = EMP HARDENED

| COMONENT NUMBER | BUS CABLE | STUB CABLE |
|----------------------|-------------|--------------|
| D-500-9467-3-S16-ZZZ | 7724S1664-9 | 7724S1664-96 |
| D-500-9467-3-S36-ZZZ | 7724S3664-9 | 7724S3664-96 |
| D-500-9467-3-S86-ZZZ | 7724S8664-9 | 7724S8664-96 |

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SPECIFICATION CONTROL 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 CABLES, (MAX)
 LBS. 0.0507 [23.0 gm]

CAD FILE C050833A

DRAWN T RATZLAFF DATE 02JUL2001

MATERIAL

FINISH

THIRD ANGLE PROJECTION

tyco Electronics Tyco Electronics
 300 CONSTITUTION DRIVE
 MENLO PARK, CALIFORNIA 94025 USA **Raychem**

TITLE
 DATABUS MICROCOUPLER
 THREE STUB, W/INT TERMINATOR
 AND MTG LUG, LOW OUTGASSING

SIZE A CODE IDENT. NO. 06090 DWG. NO. D-500-9467-3-XXX-ZZZ

DO NOT SCALE THIS DRAWING SHEET 1 OF 2

1. MATERIAL AND FINISHES:

1.1 INTERNAL COMPONENTS:

- 1.1.1 TRANSFORMER TO MIL-PRF-21038 AND MIL-STD-1553B
- 1.1.2 INTERNAL AND EXTERNAL COMPONENTS ATTACHED USING SN96 SOLDER
- 1.1.3 ISOLATION RESISTORS TO MIL-PRF-39007/8, 57.6 OHMS
- 1.1.4 TERMINATION RESISTOR TO MIL-PRF-39007/8, 76.8 OHMS
- 1.2 SHIELDED CASE: ALUMINUM PER ASTM-B618.
- 1.2.1 CASE FINISH: 65/35 Sn/Ni ALLOY, .0002/.0003 THK.
- 1.3 CABLE TYPE PER RAYCHEM SPECIFICATION 1200 (SEE TABLE ON SHEET 1).
- 1.4 STRAIN RELIEF TUBING: RAYCHEM RT-220, LOW OUTGASSING.

2. APPLICATION:

- 2.1 THIS COUPLER IS DESIGNED TO BE INSTALLED INTO A DIGITAL MULTIPLEX HARNESS MEETING THE REQUIREMENTS OF MIL-STD-1553B AND NASA'S OUTGASSING SPECIFICATION SP-R-0022A.
- 2.1.1 THIS PRODUCT IS ASSEMBLED USING LOW OUTGASSING MATERIALS.
- 2.1.2 THIS PRODUCT IS NOT INTENDED FOR USE IN HIGH MOISTURE ENVIRONMENTS, NOR INTENDED FOR APPLICATIONS WHERE FLUID IMMERSION IS REQUIRED.
- 2.2 FOR CABLE SPLICING USE SPLICE KIT D-150-9708-5 (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. TEMPERATURE:

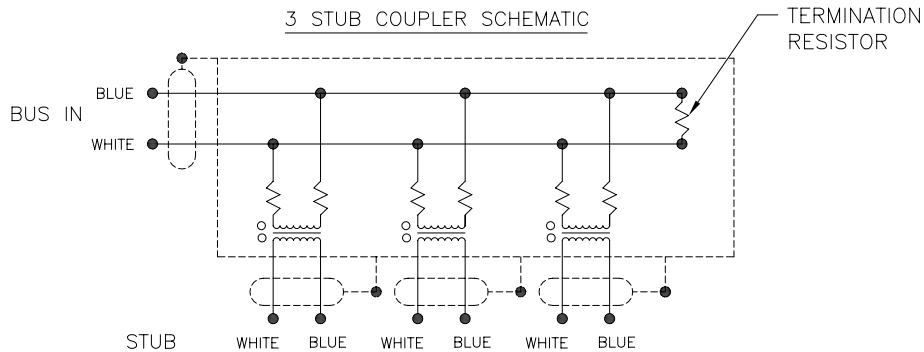
- 3.1 OPERATING TEMPERATURE: -65°C TO +150°C CONTINUOUS.

4. PERFORMANCE SPECIFICATIONS:

- 4.1 TRANSFORMER MEETS THE PERFORMANCE REQUIREMENTS OF MIL-STD-1553B.

5. WEIGHT:

- 5.1 MAXIMUM WEIGHT WITHOUT CABLE: 23 GRAMS MAX.



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SPECIFICATION CONTROL DRAWING

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|----------------------|-----------------------------------|-----------|---------------------------|----------------------------------|--------------|
| DRAWN T RATZLAFF | DATE 02JUL2001 | SIZE A | CODE IDENT. NO. 06090 | DWG. NO. D-500-9467-3-XXX-ZZZ | REV A |
| CAD FILE C050833B | tyco Electronics | | DO NOT SCALE THIS DRAWING | | SHEET 2 OF 2 |