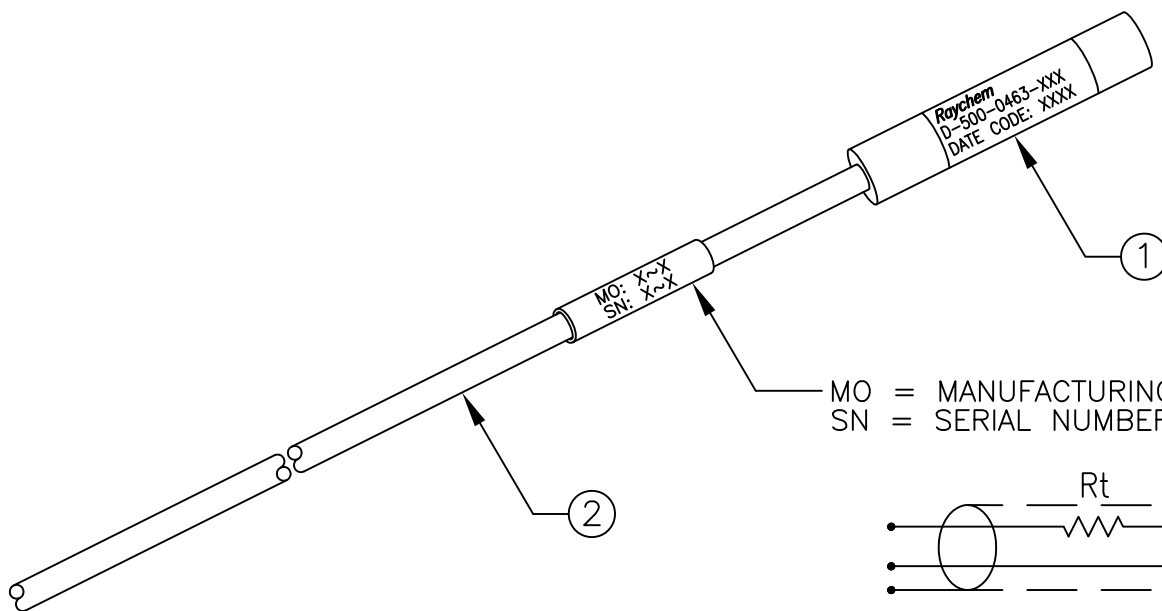
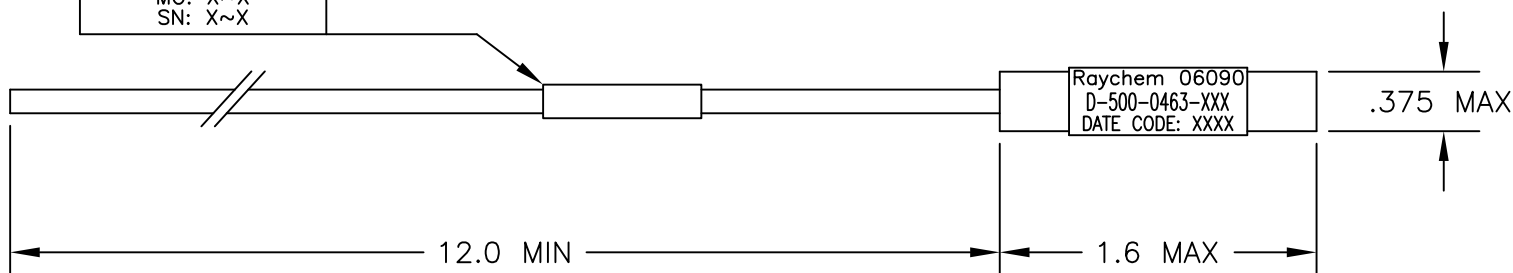


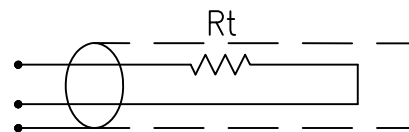
TMS TO BE MARKED AS SHOWN  
WITH COMPLETE SERIAL NO.  
AND MFG ORDER NO.

MO: X~X  
SN: X~X

| REVISIONS |                                       |            |       |
|-----------|---------------------------------------|------------|-------|
| REV       | DESCRIPTION                           | DATE       | APPVD |
| C         | RELEASED PER ECN T-28197              | 03Oct2000  | TR    |
| D         | REVISE & UPDATE DWG PER ECO-14-016099 | 10/25/2014 | LR    |



MO = MANUFACTURING ORDER  
SN = SERIAL NUMBER



$R_t = 76.8 \text{ Ohms} \pm 1\% \text{ 1W}$   
SCHEMATIC

- ① BUS TERMINATOR MODULE, SEALED, STRAIN RELIEVED, BLACK.  
② RAYCHEM BUS CABLE, WHITE JACKET.

| DESCRIPTION    | BUS CABLE  | CABLE DESCRIPTION              |
|----------------|------------|--------------------------------|
| D-500-0463-612 | 10612-24-9 | SINGLE SHIELD, OPTIMIZED BRAID |
| D-500-0463-613 | 10613-24-9 | DOUBLE SHEILD, OPTIMIZED BRAID |
| D-500-0463-614 | 10614-24-9 | EMP HARDENED                   |

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Raychem Databus CUSTOMER DRAWING

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES.  
METRIC DIMENSIONS ARE  
IN BRACKETS.

DECIMALS

.XXX ± [---mm]  
.XX ± [---mm]

ANGLES

.X ±

WEIGHT:  
13.5 grams max

DRAWN T. Seaton 24Jan1997

APPROVED P. Dutton 24Jan1997

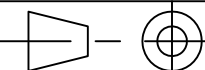
MATERIAL:

FINISH:

CAD NAME:

D-500-0463-XXX\_D\_CDα

THIRD ANGLE  
PROJECTION



TE Connectivity

TITLE

MIL-STD-1553B DATABUS  
BUS TERMINATOR  
LIGHT WEIGHT SYSTEM

SIZE

A

CODE IDENT. NO.

06090

DWG. NO.

D-500-0463-XXX

DO NOT SCALE THIS DRAWING

SHEET 1 OF 2

NOTES:

1.0 MATERIALS AND FINISHES

- 1.1 BUS TERMINATOR MODULE WITH 1W RESISTOR TO MIL-PRF-39007/9. SHIELDED USING TIN COATED COPPER BRAID AND Sn96 SOLDER PER ANSI J-STD-006.
- 1.2 SEALED STRAIN RELIEF COVER IS A MODIFIED, CROSS LINKED ELASTOMER PER TE/RAYCHEM SPECIFICATION RW-2070.
- 1.3 BUS CABLE (SEE TABLE ON PAGE I).

2.0 APPLICATION

- 2.1 THIS BUS TERMINATOR IS DESIGNED TO BE INSTALLED INTO A DIGITAL MULTIPLEX HARNESS MEETING THE REQUIREMENTS OF MIL-STD-1553B, DEF-STAN-0018 (PART 2). FOR CABLE SPLICING USE SPLICE KIT D-150-0708-5 (NOT SUPPLIED).
- 2.2 CABLES AND BEND RADIUS PER SAE-AS50881, STATIC: 5 X CABLE O.D. MIN, DYNAMIC: 10 X CABLE O.D. MIN.

3.0 TEMPERATURE

- 3.1 CABLE/STRAIN RELIEF COVER MEETS OPERATING TEMPERATURE OF -65° TO +150°C CONTINUOUS.

4.0 PERFORMANCE

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

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TE Connectivity

|                      |           |      |             |                           |           |                |     |
|----------------------|-----------|------|-------------|---------------------------|-----------|----------------|-----|
| DRAWN                | T. SEATON | DATE | 24/JAN/1997 | SIZE                      | CAGE CODE | DWG. NO.       | REV |
| ISSUED               | P. DUTTON | DATE | 24/JAN/1997 | A                         | 06090     | D-500-0463-XXX | D   |
| CAD FILE             |           |      |             | DO NOT SCALE THIS DRAWING |           |                |     |
| D-500-0463-XXX_D_CDb |           |      |             | SHEET 2 OF 2              |           |                |     |