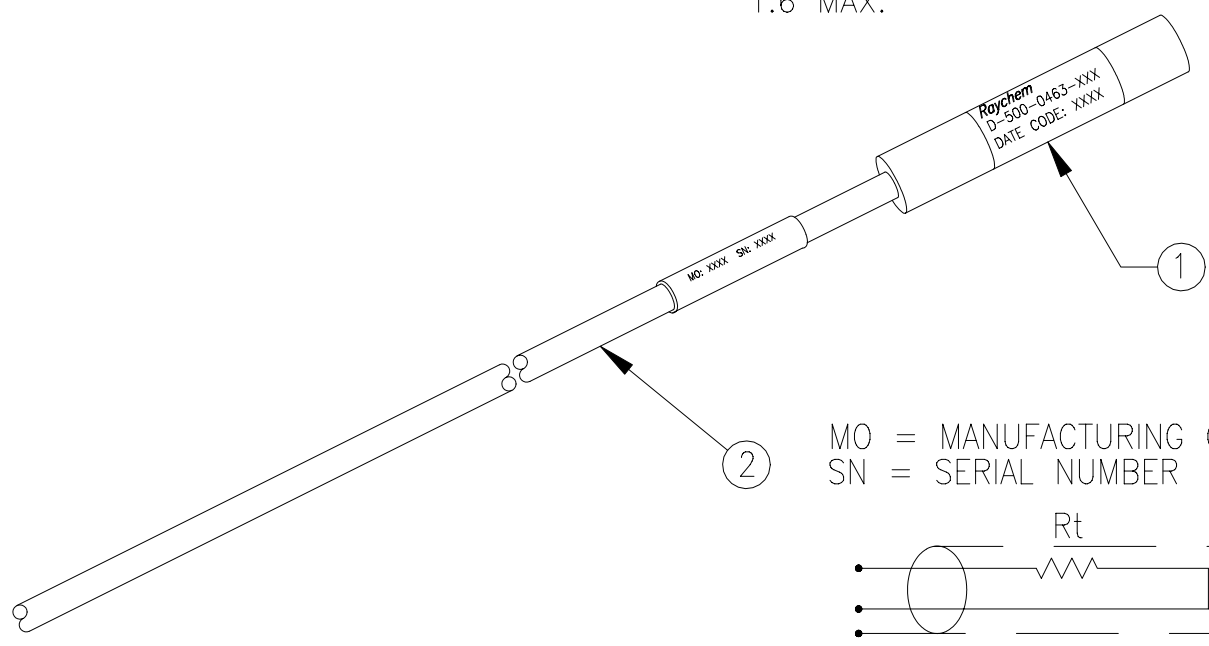
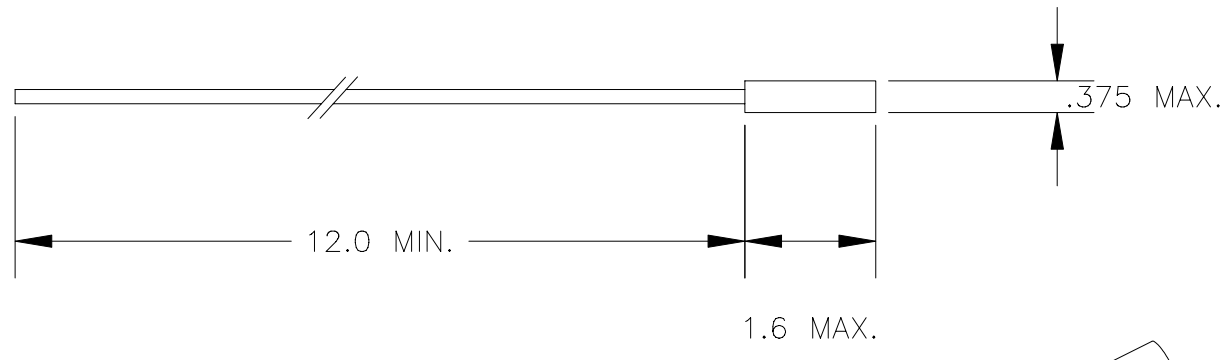
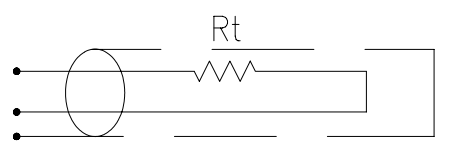


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	RELEASED PER ECN T-28197	03OCT00	TR



MO = MANUFACTURING ORDER  
SN = SERIAL NUMBER



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

SCHEMATIC

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

DESCRIPTION	BUS CABLE	CABLE DESCRIPTION
D-500-0463-612	10612-24-9	SINGLE OPTIMIZED BRAID
D-500-0463-613	10613-24-9	DOUBLE OPTIMIZED BRAID
D-500-0463-614	10614-24-9	EMP HARDENED
D-500-0463-C26	7724C2664-9	FLAT SHIELD, FILLED
D-500-0463-H06	7724H0664-9	FLAT SHIELD, UNFILLED

SPECIFICATION CONTROL DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS.  DECIMALS .XXX ± [ mm ] .XX ± [ mm ] ANGLES .X ± WEIGHT lbs. [ g ]	DRAWN T. SEATON 24JAN97 CHECKED APPROVED P. DUTTON 24JAN97 APPROVED CAD NAME T28197A.DWG	<b>tyco</b> <b>Electronics</b> Tyco Electronics Corporation 300 Constitution Drive Menlo Park, CA. 94025 U.S.A.	<b>Raychem</b>
	TITLE MIL-STD-1553B DATABUS BUS TERMINATOR LIGHT WEIGHT SYSTEM		
	THIRD ANGLE PROJECTION 	SIZE A CODE IDENT. NO. 06090 DO NOT SCALE THIS DRAWING	DWG. NO. D-500-0463-XXX SHEET 1 OF 2

1. MATERIALS AND FINISHES

- 1.1 RBT MODULE WITH 1W RESISTOR TO MIL-R-39007. SHIELDED USING TIN COATED COPPER BRAID AND Sn96 SOLDER PER QQ-S-571.
- 1.2 SEALED STRAIN RELIEF COVER IN MODIFIED CROSS LINKED ELASTOMER PER RAYCHEM SPECIFICATION RK 6713.
- 1.3 BUS CABLE (SEE TABLE ON PAGE I).

2. APPLICATION

- 2.1 THIS RBT 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 FLEX SPLICE D-150-9133.
- 2.2 FOR SYSTEM LAYOUT REQUIREMENTS CONSULT RAYCHEM TECHNICAL SERVICES.
- 2.3 CABLES AND BEND RADIUS PER MIL-W-5088, STATIC 5 X CABLE OD. MIN., DYNAMIC 10 X CABLE OD. MIN.

3. TEMPERATURE

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

4. PERFORMANCE

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

5. ORDERING INFORMATION

ORDER AS PER TABLE PAGE 1. STANDARD PACKAGE ONE PIECE. CABLE SPLICES SHOULD BE ORDERED SEPARATELY. SPECIFY CERTIFICATE OF CONFORMANCE REQUIREMENTS AS A SEPARATE LINE ITEM.

DRAWN	T. SEATON	24JAN97	SIZE	CODE IDENT. NO.	DWG. NO.	REV
ISSUED	P. DUTTON	24JAN97	A	06090	D-500-0463-XXX	C
DO NOT SCALE THIS DRAWING				CAD NAME	T28197B	SHEET 2 OF 2