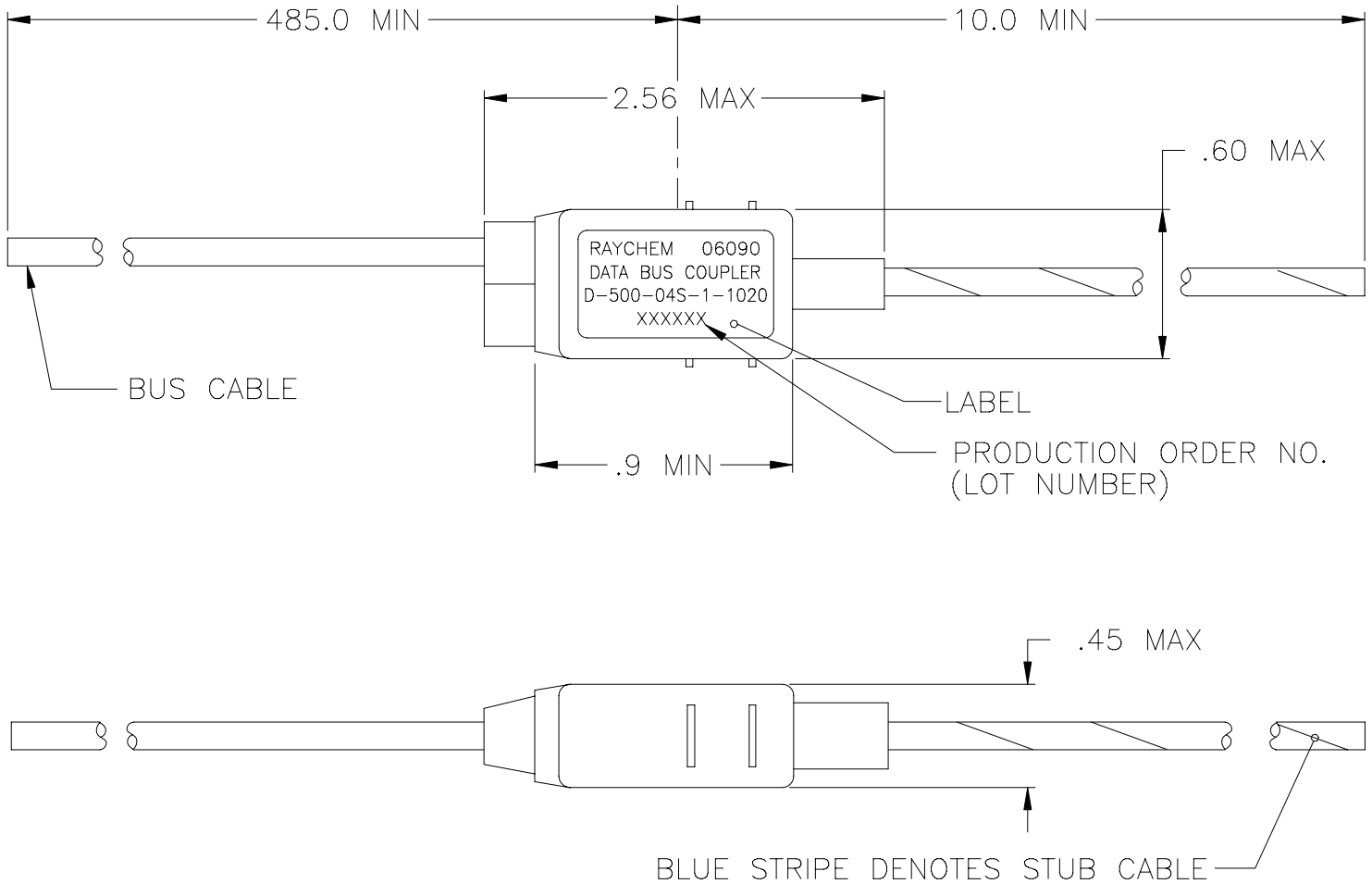
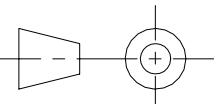
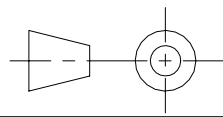


REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	REVISED PER DCR T-32092	10/9/03	GMR



SPECIFICATION CONTROL DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS. DECIMALS .XXX ± — { — mm } .XX ± — { — mm } ANGLES .X — ± — WEIGHT	DRAWN	G.ROSITANO	10/2/03	tyco Electronics	Tyco Electronics 300 CONSTITUTION DRIVE MENLO PARK, CALIFORNIA 94025 USA		Raychem
	CHECKED						
	APPROVED			TITLE SINGLE STUB IN-LINE DATA BUS MICRO COUPLER REVERSE WITH INTERNAL BUS TERMINATOR			
	APPROVED	T.RATZLAFF	10/2/03				
	CAD NAME T32092A						
THIRD ANGLE PROJECTION				SIZE A	CODE IDENT. NO. 06090	DWG. NO. D-500-04S-1-1020	REV A
Downloaded from Arrow.com				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 -RESISTORS, ISOLATION PER MIL-PRF-39007/9, 57.6 OHMS (R1)
- 1.1.3 -RESISTORS, TERMINATION PER MIL-PRF-39007/9, 76.8 OHMS (R2)
- 1.2 SHIELDED CASE: ALUMINUM PER ASTM-B618
- 1.3 SEALED STRAIN RELIEF COVER: MODIFIED CROSS-LINKED ELASTOMER, BLACK, TO RAYCHEM SPECIFICATION RK-6713.
- 1.4 CABLE TYPE PER RAYCHEM SPECIFICATION 1200 (SEE PART NO. ON SHEET 1).

2. APPLICATION:

- 2.1 THIS COUPLER IS DESIGNED TO BE INSTALLED AS A DIGITAL MULTIPLEX ASSEMBLY MEETING THE REQUIREMENTS OF MIL-STD-1553B.
- 2.2 FOR CABLE SPLICING USE FLEXIBLE SPLICE KIT D-150-0708-5 (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:

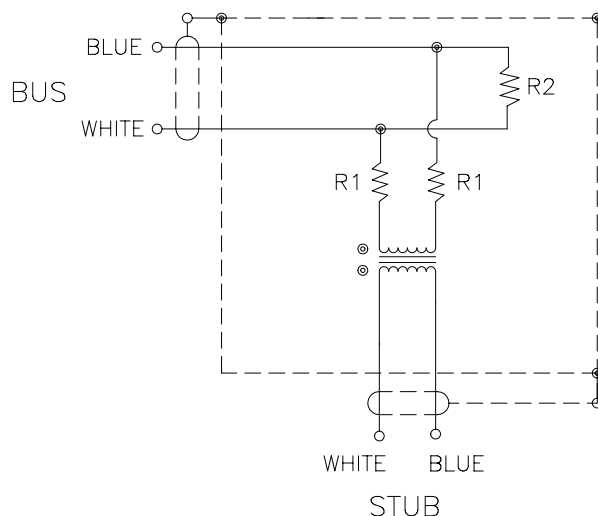
- 3.1 OPERATING TEMPERATURE: -65°C TO +150°C

4. PERFORMANCE SPECIFICATIONS:

- 4.1 TRANSFORMER MEETS THE PERFORMANCE REQUIREMENTS OF MIL-STD-1553B.
- 4.2 COUPLER MEETS THE PERFORMANCE REQUIREMENTS OF RAYCHEM SPECIFICATION D-6020.

5. WEIGHT:

- 5.1 MAXIMUM WEIGHT WITHOUT CABLE: 10 GRAMS MAX.

ONE STUB COUPLER SCHEMATIC

SPECIFICATION CONTROL DRAWING

DRAWN	GMR	DATE	10/2/03	SIZE	CODE IDENT. NO.	DWG. NO.	REV
CAD FILE	T32092B	tyco		A	06090	D-500-04S-1-1020	A
		Electronics		DO NOT SCALE THIS DRAWING			SHEET 2 OF 2