

MATERIALS:

- 1 RBC MODULE, SEALED
- 2 DATA BUS CABLE
- 3 DATA BUS CABLE SPLICE KIT (NOT SHOWN)

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
J	REVISED PER ECN# T-16078	91APR17	Z. TEMAN
K	REVISED PER ECN# T-20304		

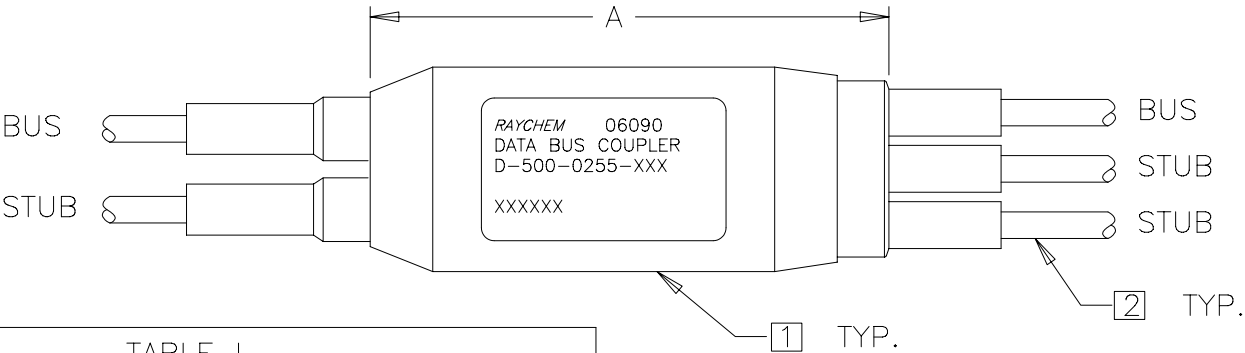
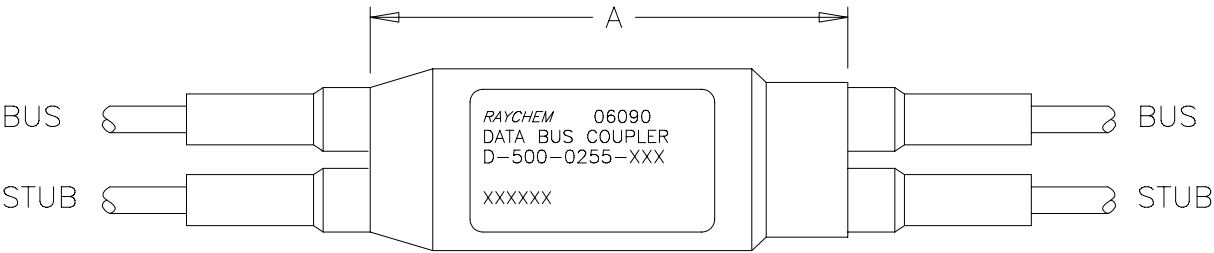
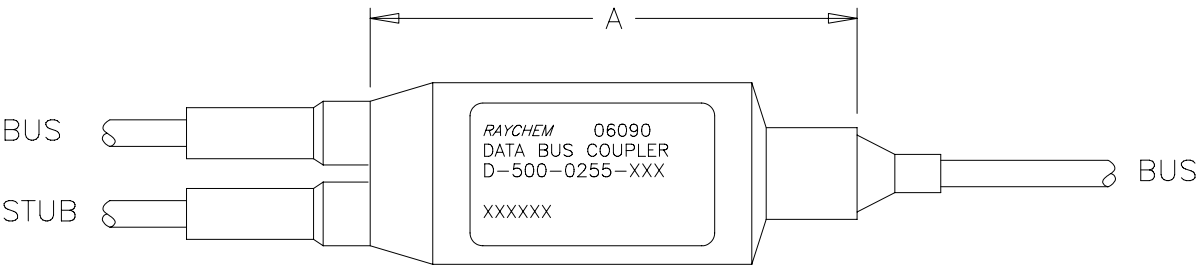
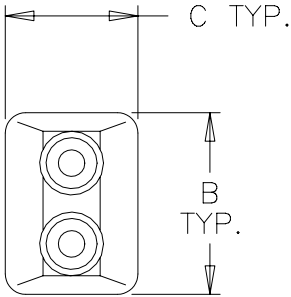


TABLE I			
COUPLER	DIMENSIONS (MAX.)		
	A	B	C
SINGLE	2.80	.95	.65
DOUBLE	2.70	.95	.74
TRIPLE	2.70	1.10	.75

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SPECIFICATION CONTROL DRAWING

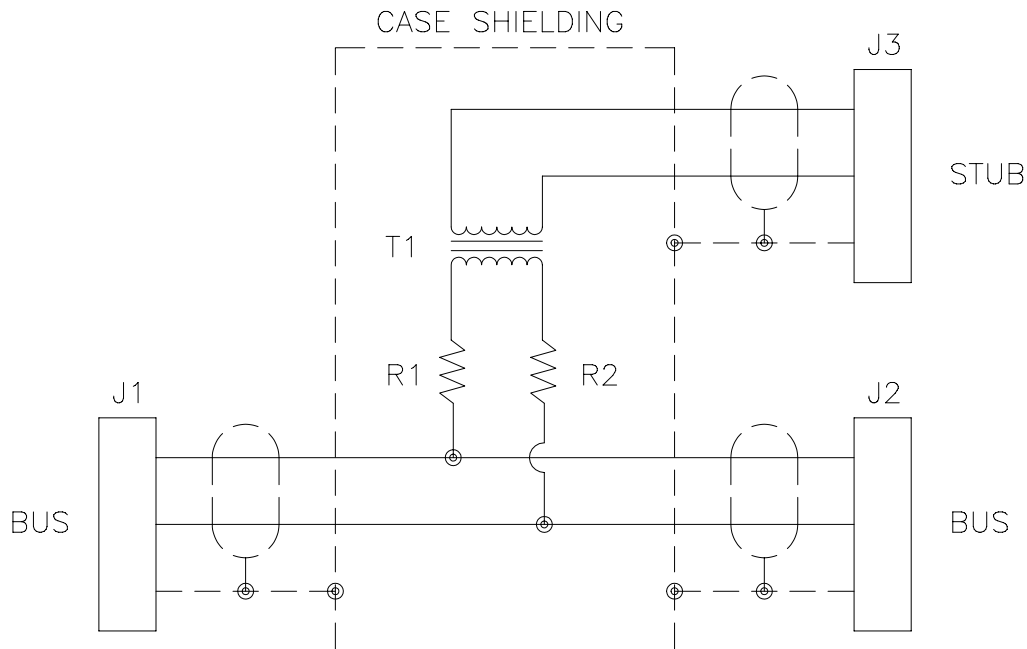
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS. DECIMALS .XXX ± — [— mm] .XX ± — [— mm] ANGLES .X ± — WEIGHT 8 lbs [g]	DRAWN	terry	88 SEPT 10	Raychem RAYCHEM CORPORATION 300 CONSTITUTION DRIVE MENLO PARK, CALIFORNIA 94025			
	REDRAWN	J.B.K.	91 MAR 5	TITLE STANDARD IN-LINE MIL-STD-1553B RAYCHEM BUS COUPLERS (RBC)			
	APPROVED						
	APPROVED	Z.TEMAN	88 SEPT 13				
	CAD NAME			003392-1.DWG			
THIRD ANGLE PROJECTION				SIZE A	CODE IDENT. NO. 06090	DWG. NO. D-500-0255	REV K
DO NOT SCALE THIS DRAWING						SHEET 1 OF 2	

NOTES:

1. DATA BUS COUPLERS ARE DESIGNED TO SPLICE INTO WIRING HARNESS USING MIL-STD-1553B DATA BUS CABLE: 26 THRU 22 AWG.
2. FOR RAYCHEM SCD D-150-0XXX SPLICE IN TERMINATION PROCESS, SEE TABLE II.
3. THE TERMINATED COUPLER IS QUALIFIED TO RAYCHEM SPECIFICATION D-6020.
4. THE DATA BUS COUPLERS SHALL MEET OR EXCEED MIL-STD-1553B, NOTICE 2.
5. RESISTORS SHALL MEET: MIL-R-55182/6, RNR70H57R6FS
OR MIL-R-39007/8, RWR80N57RGFS
6. THE MINIMUM RADIUS OF CABLE BEND SHALL NOT BE LESS THAN SIX TIMES THE MAXIMUM OUTSIDE DIAMETER OF THE CABLE. REFERENCE: MIL-W-5088
7. FINISH LENGTH: SEE INDIVIDUAL SCD D-500-0255-XXX

8	APPROXIMATE WEIGHT (WITHOUT CABLE):	<u>SINGLE</u>	<u>DOUBLE</u>	<u>TRIPLE</u>
		42 GRAMS .09 LBS.	43 GRAMS .10 LBS.	55 GRAMS .12 LBS.

TABLE II - SPLICE KIT		
TYPE	SMALL	LARGE
SOLDER	D-150-0124	D-150-0134
CRIMP	D-150-0167	D-150-0133
FLEX	D-150-0708-5	D-150-0708-5



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RBC SCHEMATIC

(EXAMPLE: SINGLE COUPLER)

CAD NAME: 003392-2	DRAWN	J.B.K.	91 MAR 5	SIZE A	CODE IDENT. NO. 06090	DWG. NO. D-500-0255
	ISSUED			DO NOT SCALE THIS DRAWING		SHEET 2 OF 2