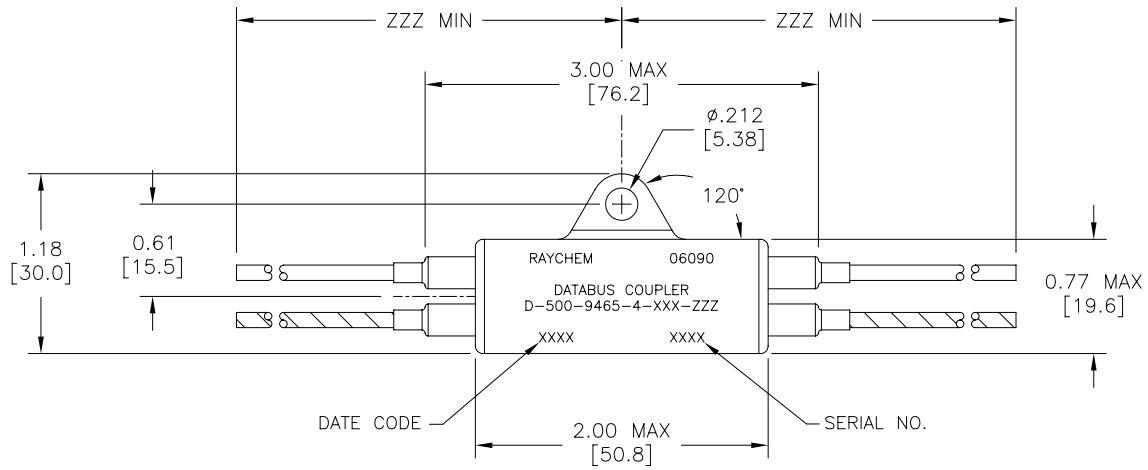
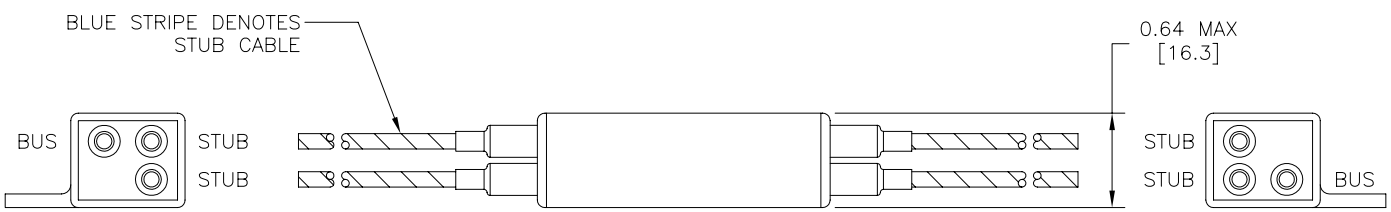
REVISION		
REV	DESCRIPTION	DATE
A	REVISED DWG PER DCR NO. C050826	1/10/06





PART NO. D-500-9465-4-XXX-ZZZ

4 = 4 STUB

LENGTH OF CABLE (INCHES)

CABLE

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

COMONENT NUMBER	BUS CABLE	STUB CABLE
D-500-9465-4-S16-ZZZ	7724S1664-9	7724S1664-96
D-500-9465-4-S36-ZZZ	7724S3664-9	7724S3664-96
D-500-9465-4-S86-ZZZ	7724S8664-9	7724S8664-96

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. 0.0540 [24.5 gm]

CAD FILE
C050826A

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
FOUR STUB, STD W/ MTG LUG
LOW OUTGASSING

SIZE	CODE IDENT. NO.	DWG. NO.
A	06090	D-500-9465-4-XXX-ZZZ

DO NOT SCALE THIS DRAWING

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
1.2 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.

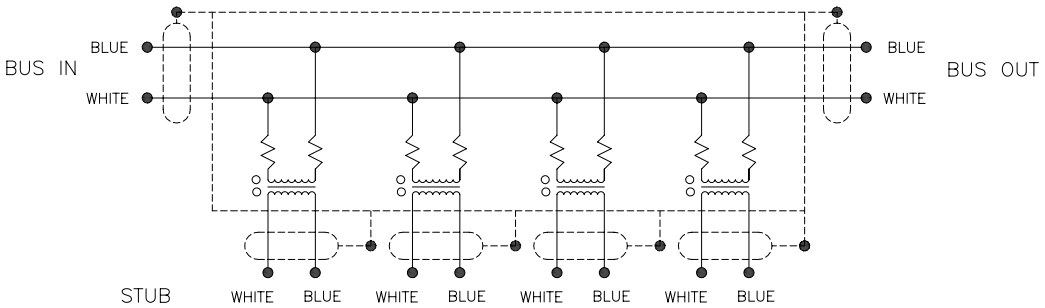
4. PERFORMANCE SPECIFICATIONS:

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

5. WEIGHT:

5.1 MAXIMUM WEIGHT WITHOUT CABLE: 24.5 GRAMS MAX.

4 STUB COUPLER SCHEMATIC



SPECIFICATION CONTROL DRAWING

DRAWN	DATE	SIZE	CODE IDENT. NO.	DWG. NO.	REV
T RATZLAFF	02JUL2001	A	06090	D-500-9465-4-XXX-ZZZ	A
CAD FILE: C050826B	tyco Electronics	DO NOT SCALE THIS DRAWING		SHEET 2 OF 2	