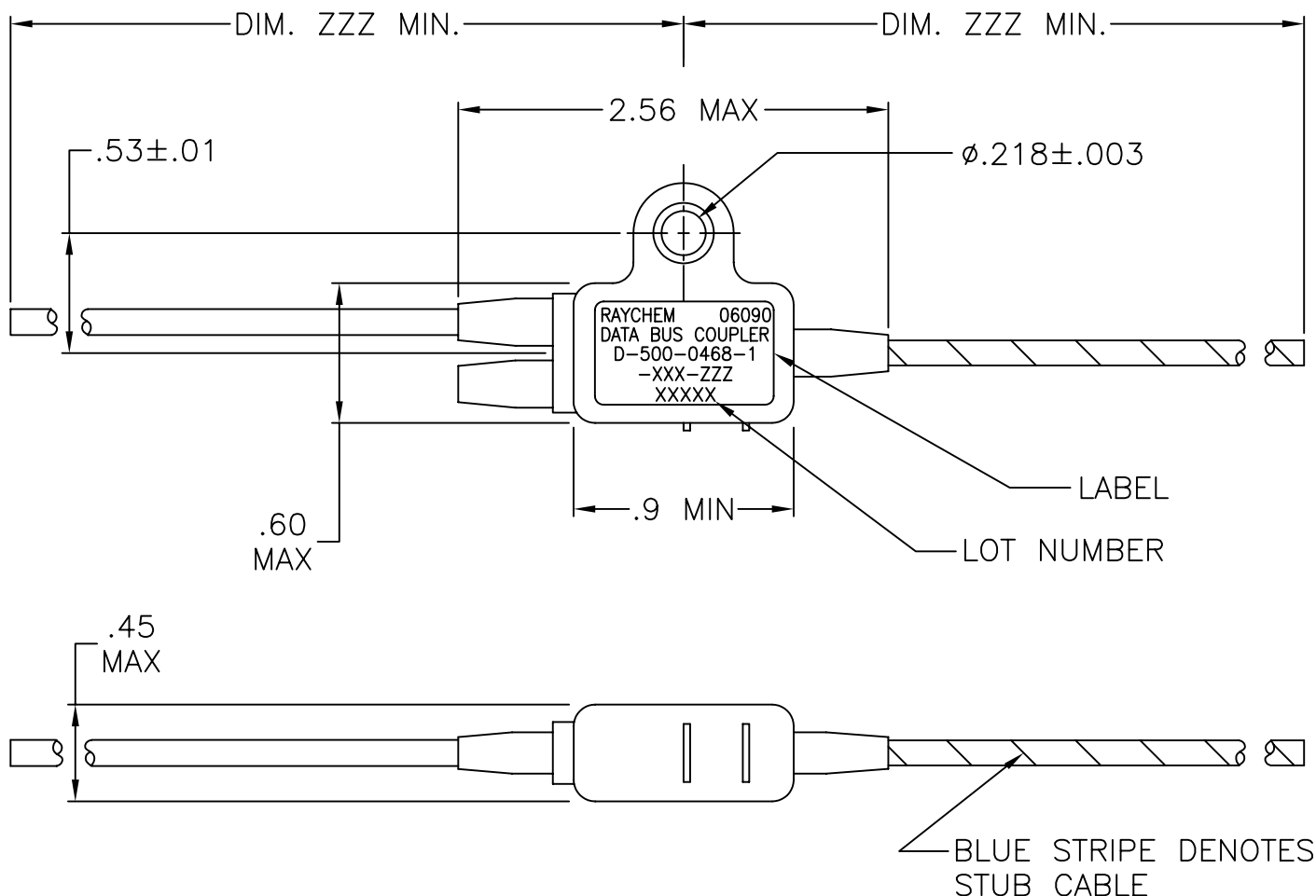


REVISION		
REV	DESCRIPTION	DATE
B	REVISED DCR PER DCR NO. C050211	3/24/05



PART NO. D-500-0468-1-XXX-ZZZ

1=SINGLE STUB

LENGTH OF CABLE IN INCHES

CABLE

612=10612 (SINGLE OPTIMIZED BRAID)
613=10613 (DOUBLE OPTIMIZED BRAID)
614=10614 (EMP HARDENED)

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SPECIFICATION CONTROL DRAWING

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tyco
Electronics

TYCO ELECTRONICS
300 CONSTITUTION DRIVE
MENLO PARK, CA 94025

Raychem

DATABUS COUPLER, SINGLE STUB,
REVERSE, WITH INTERNAL TERMINATOR
AND MOUNTING LUG

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
SEE NOTES

CAD FILE
C050211A

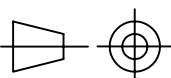
DRAWN
T RATZLAFF

DATE
17JUL2003

MATERIAL

FINISH

THIRD ANGLE
PROJECTION



SIZE
A

CAGE CODE
06090

DWG. NO.

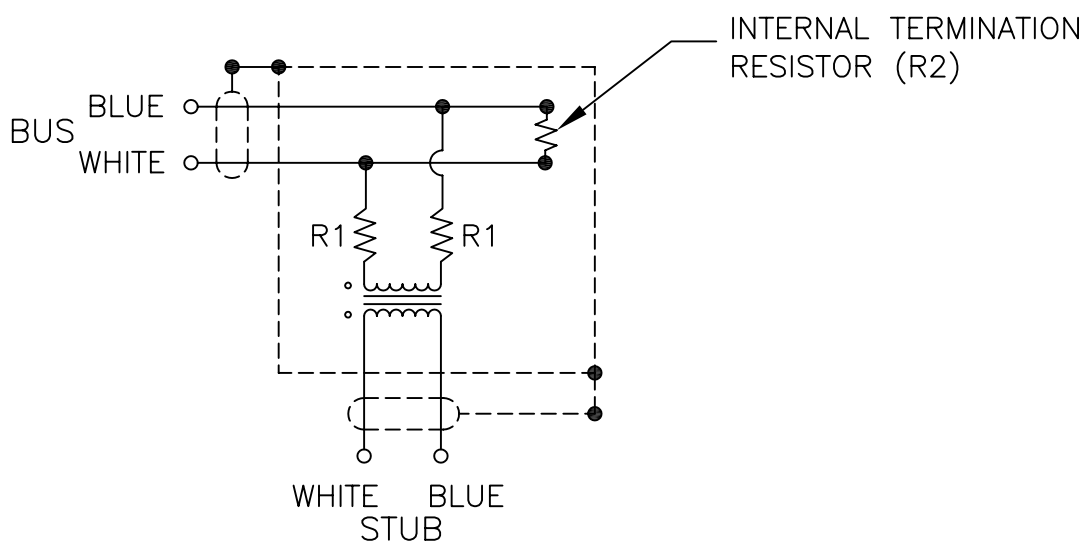
D-500-0468-1-XXX-ZZZ

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 -RESISTOR, 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: 18 GRAMS, MAX.

SINGLE STUB COUPLER SCHEMATIC



SPECIFICATION CONTROL DRAWING

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DRAWN T RATZLAFF	DATE 17JUL2003	SIZE A	CAGE CODE 06090	DWG. NO. D-500-0468-1-XXX-ZZZ	REV B
CAD FILE C050211B		DO NOT SCALE THIS DRAWING			SHEET 2 OF 2