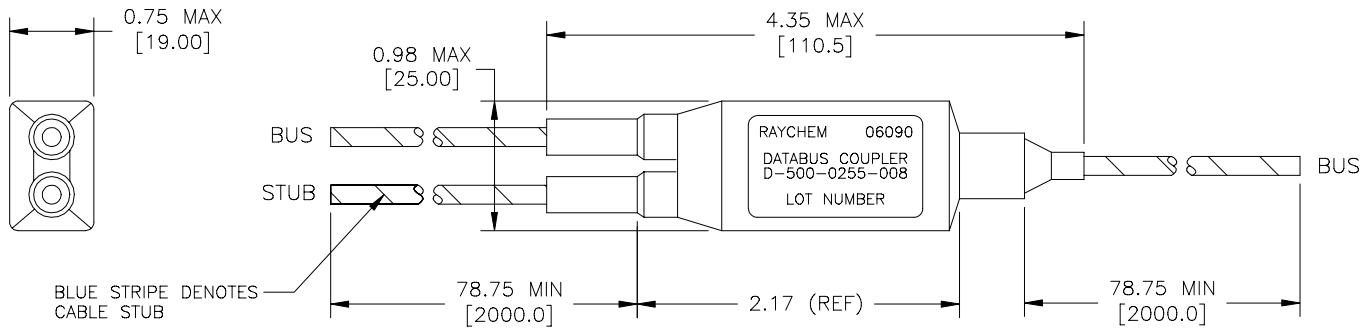


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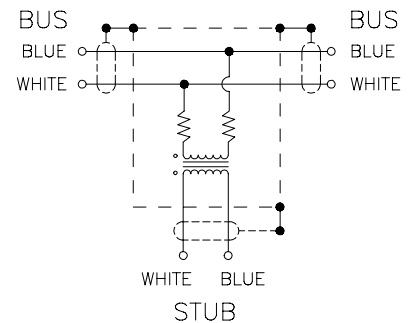
| REVISION | | |
|----------|-------------------------------|-----------|
| REV | DESCRIPTION | DATE |
| B | REVISED PER DCR NUMBER T29077 | 30MAR2001 |



NOTES

- 1.0 MATERIAL AND FINISHES:
 - 1.1 INTERNAL COMPONENTS:
 - TRANSFORMER: MIL-T-21038 AND MIL-STD-1553/B
 - RESISTORS: MIL-R-39007/9, 57.6 OHMS
 - 1.2 SHIELDED CASE: BRASS ALLOY 260 PER QQ-B-613.
 - 1.3 SEALED STRAIN RELIEF COVER: MODIFIED CROSS-LINKED POLYOLEFIN ELASTOMER, BLACK
 - 1.4 RAYCHEM 10613 CABLE TO RAYCHEM SPECIFICATION 1200.
 - BUS CABLE: RAYCHEM 10613-24-92, RED STRIPE,
 - STUB CABLE: RAYCHEM 10613-24-96, BLUE STRIPE
- 2.0 APPLICATION:
 - 2.1 THIS COUPLER IS DESIGNED TO BE INSTALLED INTO A DIGITAL MULTIPLEX ASSEMBLY MEETING THE REQUIREMENTS OF MIL-STD-1553B.
 - 2.2 CABLE BEND RADIUS PER MIL-W-5088 STATIC BEND: 5x CABLE O.D. MIN. DYNAMIC BEND: 10x CABLE O.D. MIN.
- 3.0 TEMPERATURE:
 - 3.1 OPERATING TEMPERATURE: -65°C TO +135°C
- 4.0 PERFORMANCE SPECIFICATIONS:
 - 4.1 THIS PART MEETS THE PERFORMANCE REQUIREMENTS OF RAYCHEM SPECIFICATION D-6020 AND MIL-STD-1553B.
- 5.0 ORDERING INFORMATION:
 - 5.1 ORDER PART NUMBER D-500-0255-008
 - 5.2 ORDER SPLICE KIT NUMBER D-150-0708-5 SEPARATELY. MAXIMUM (3) SPLICE KITS REQUIRED PER INSTALLATION.
 - 5.3 SPECIFY CERTIFICATE OF CONFORMANCE REQUIREMENTS AS A SEPARATE LINE ITEM.

SINGLE STUB COUPLER SCHEMATIC



SPECIFICATION CONTROL DRAWING

| | | | | | | |
|--|------------------------|---------------------------------------|-------------------|---------------------------|--------------------------|--|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE INCHES. METRIC DIMENSIONS ARE IN BRACKETS. | | DRAWN T RATZLAFF | DATE 30MAR2001 | | | WIRE AND HARNESSING PRODUCTS 307 CONSTITUTION DRIVE MENLO PARK, CALIFORNIA 94025 |
| DECIMAL TOLERANCES .XXX ± 0.005 [0.13 mm] .XX ± 0.010 [0.25 mm] .X ± 0.020 [0.50 mm] | MATERIAL | TITLE DATABUS COUPLER (SPECIAL) | | SIZE A | CODE IDENT. NO. 06090 | DWG. NO. D-500-0255-008 |
| ANGLE TOLERANCE .X ± 0.5 DEG. | FINISH | THIRD ANGLE PROJECTION | | DO NOT SCALE THIS DRAWING | | |
| WEIGHT WITHOUT CABLES (MAX) LBS. 0.093 [42.0 gm] | CAD FILE T29077.DWG | | SHEET 1 OF 1 | | | |