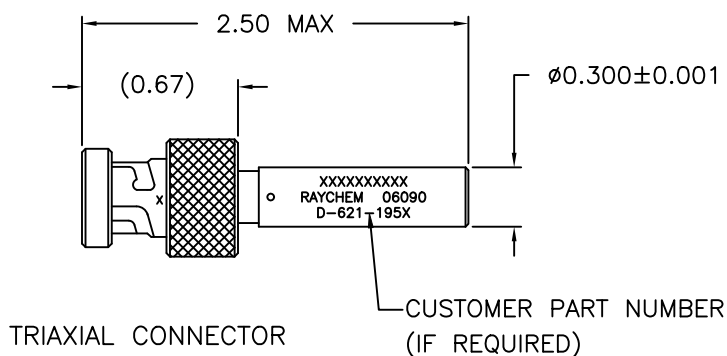
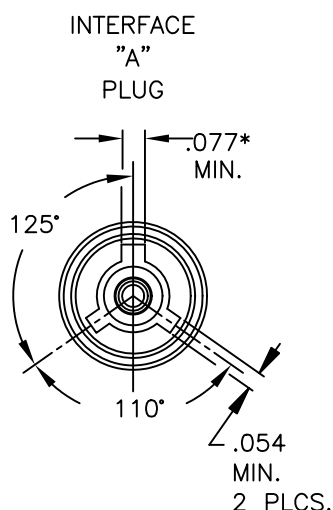


REVISION		
REV	DESCRIPTION	DATE
B	SUPERSEDED D-621-1953 SEE ECO-18-015252	9/25/2018

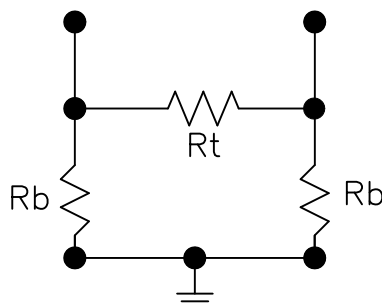


*MAJOR KEY ORIENTATION WITH RESPECT TO FLATS IS NOT CONTROLLED.

PART DESCRIPTION			
DRAWING NO.	CONNECTOR	INTERFACE	INSTALLED CONTACT
D-621-1953	PLUG	"A"	PIN
D-621-1954	PLUG	"A"	PIN

ELECTRICAL SCHEMATIC

PRIMARY (CENTER CONTACT) SECONDARY (INTERMEDIATE)

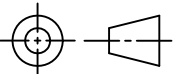


Rt = SEE NOTE 1.2

Rb = SEE NOTE 1.3

Raychem Databus
CUSTOMER DRAWING

© 2018 TE Connectivity Corporation. All Rights Reserved.

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 15 GRAMS MAX	DRAWN G.Rositano	DATE 08/21/2018	TE Connectivity		
	MATERIAL SEE NOTES		TITLE DATA BUS TERMINATOR, BLEED RESISTOR, BAYONET CONNECTOR, LOW OUTGASSING		
	FINISH SEE NOTES				
	CAD FILE D-621-1953_1954_CD	THIRD ANGLE PROJECTION		SIZE A	CAGE CODE 06090
DO NOT SCALE THIS DRAWING			SHEET 1 OF 2		

If this document is printed it becomes uncontrolled. Check for the latest revision.

NOTES:

1. MATERIAL AND FINISHES:

- 1.1 ALL MATERIALS MEET TML OF 1% MAX. AND CVCM OF 0.1% MAX. WHEN TESTED IN ACCORDANCE WITH ASTM E-595.
- 1.2 RESISTOR, TERMINATION, Rt: MIL-PRF-39007/8, 2 WATTS, RESISTANCE 76.8 OHM $\pm$ 1%.
- 1.3 RESISTOR, BLEED, Rb: D-621-1953 MIL-PRF-39017/5 RLR05C1004FR, $\frac{1}{8}$ WATT
RESISTOR, BLEED, Rb: D-621-1954 MIL-PRF-39017/1 RLR07C1004FS, $\frac{1}{4}$ WATT
- 1.4 SOLDER: SN63.
- 1.5 CONNECTOR BODY: BeCu IAW ASTM-B196. FINISH: TIN/NICKEL, 65/35 IAW ASTM-B605.
- 1.6 CONNECTOR NUT: BeCu IAW QQ-C-530. FINISH: ELECTROLESS NICKEL IAW SAE AMS-2404
- 1.7 CONNECTOR SPRING: BeCu IAW QQ-C-530. FINISH: ELECTROLESS NICKEL IAW SAE AMS-2404
- 1.8 CONNECTOR WASHER: BeCu IAW QQ-C-533. FINISH: ELECTROLESS NICKEL IAW SAE AMS-2404
- 1.9 CONNECTOR RETAINING RING: STAINLESS STEEL, PASSIVATED
- 1.10 SHIELDED CASE: STAINLESS STEEL, PASSIVATED.
- 1.11 CONNECTOR CONTACT: BRASS ALLOY 360 IAW ASTM-B16. FINISH: GOLD PLATED IAW ASTM-B448 OVER NICKEL IAW SAE AMS-QQ-N-290.
- 1.12 CONNECTOR DIELECTRIC INSULATOR: POLYETHERSUFONE RESIN
- 1.13 POTTING COMPOUND: ABLEBOND 789-3, LOW OUTGASSIN.
- 1.14 INTERFACIAL SEAL: SILICONE, LOW OUTGASSING AFTER MANUFACTURING BAKING PROCESS.

2. APPLICATION:

- 2.1 THIS TERMINATOR IS DESIGNED TO BE INSTALLED INTO A DIGITAL MULTIPLEX HARNESS MEETING THE REQUIREMENTS OF MIL-STD-1553B AND NASA OUTGASSING SPECIFICATION SP-R-0022A.
- 2.2 REFER TO RAYCHEM SPECIFICATION D-6025 FOR PERFORMANCE REQUIREMENTS.
- 2.3 THIS PRODUCT IS NOT INTENDED FOR USE IN HIGH MOISTURE ENVIRONMENTS, NOR INTENDED FOR APPLICATIONS WHERE FLUID IMMERSION IS NECESSARY.

3. TEMPERATURE:

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

Raychem Databus
CUSTOMER DRAWING



TE Connectivity

SIZE	CAGE CODE	DWG. NO.	REV
A	06090	D-621-1953/1954	B
DO NOT SCALE THIS DRAWING			SHEET 2 OF 2