

1-Stub Inline Bus Couplers



PART NUMBER	APPLICATION	LEAD LENGTH
IC6101-12	Vehicle	12 Inches
ICLF6101-03	Vehicle ✓ RoHS	30 Centimeters

DESCRIPTION	TECH NOTES
Bus & Stub Leads	M17/176-00002 Blunt Ends
Bus Termination	Non-terminated
Nominal Unit Weight	1.50 oz (42.52 g)



PART NUMBER	APPLICATION	LEAD LENGTH
IC6102-12	Vehicle	12 Inches
ICLF6102-03	Vehicle ✓ RoHS	30 Centimeters

DESCRIPTION	TECH NOTES
Bus & Stub Leads	M17/176-00002 Blunt Ends
Right Bus Termination	78.7 Ohm \pm 1%, 2W Resistor
Nominal Unit Weight	1.10 oz (31.18 g)



PART NUMBER	APPLICATION	LEAD LENGTH
IC6103-12	Vehicle	12 Inches
ICLF6103-03	Vehicle ✓ RoHS	30 Centimeters

DESCRIPTION	TECH NOTES
Bus & Stub Leads	M17/176-00002 Blunt Ends
Left Bus Termination	78.7 Ohm \pm 1%, 2W Resistor
Nominal Unit Weight	1.10 oz (31.18 g)



PART NUMBER	APPLICATION	LEAD LENGTH
IC6104-12	Vehicle	12 Inches
ICLF6104-03	Vehicle ✓ RoHS	30 Centimeters

DESCRIPTION	TECH NOTES
Stub Lead	M17/176-00002 Blunt End
Dual Bus Termination	78.7 Ohm \pm 1%, 2W Resistors
Nominal Unit Weight	0.70 oz (19.74 g)



Full Crimp and Solder Clamp Connectors
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Bulkhead Cable Jacks
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1.0 ELECTRICAL SPECIFICATIONS: IAW MIL-STD-1553B

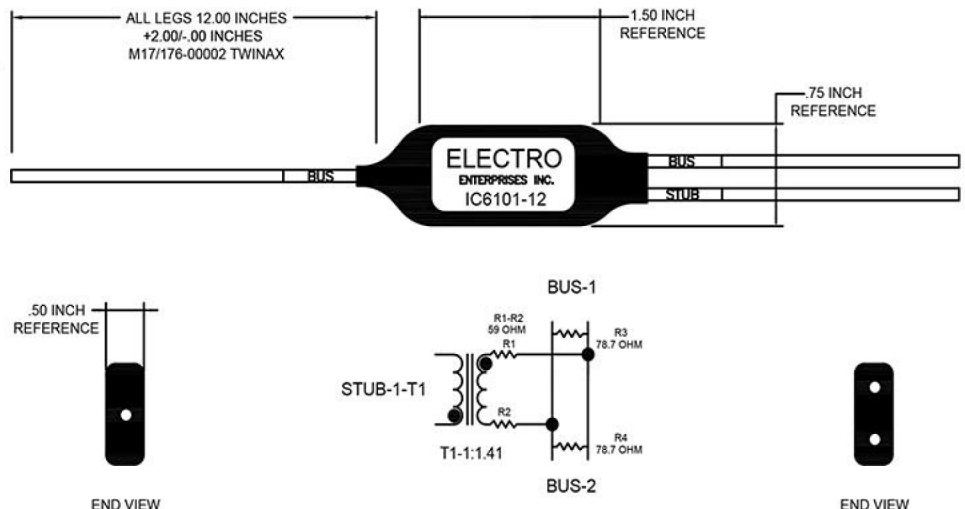
- 1.1 DROOP: 20% MAXIMUM
- 1.2 OVERSHOOT AND RINGING: \pm 1.0V PK-PK
- 1.3 TRANSFORMER RATIO: 1:1.41 STUB TO BUS
- 1.4 FAULT PROTECTION R1-R2: 59 OHM \pm 1%, 2 WATT
- 1.5 TERMINATION RESISTOR R3-R4: 78.7 OHM \pm 1%, 2 WATT
- 1.6 COMMON MODE REJECTION: -55dB @ 1MHz

2.0 MECHANICAL SPECIFICATIONS:

- 2.1 CASE MATERIAL: 1100 SERIES ALUMINUM ALLOY
- 2.2 CASE COATING: ALODINE
- 2.3 CONNECTOR TYPE: BLUNT LEADS
- 2.4 NOMINAL WEIGHT: AS NOTED

3.0 ENVIRONMENTAL:

- 3.1 OPERATING TEMPERATURE: -55°C TO +125°C
- 3.2 MANUFACTURED PER: MIL-STD-202G



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2-Stub Inline Bus Couplers



PART NUMBER	APPLICATION	LEAD LENGTH
IC6201-12	Vehicle	12 Inches
ICLF6201-03	Vehicle ✓ RoHS	30 Centimeters

DESCRIPTION	TECH NOTES
Bus & Stub Leads	M17/176-00002 Blunt Ends
Bus Termination	Non-terminated
Nominal Unit Weight	1.90 oz (53.86 g)



PART NUMBER	APPLICATION	LEAD LENGTH
IC6202-12	Vehicle	12 Inches
ICLF6202-03	Vehicle ✓ RoHS	30 Centimeters

DESCRIPTION	TECH NOTES
Bus & Stub Leads	M17/176-00002 Blunt Ends
Right Bus Termination	78.7 Ohm \pm 1%, 2W Resistor
Nominal Unit Weight	1.50 oz (42.52 g)



PART NUMBER	APPLICATION	LEAD LENGTH
IC6203-12	Vehicle	12 Inches
ICLF6203-03	Vehicle ✓ RoHS	30 Centimeters

DESCRIPTION	TECH NOTES
Bus & Stub Leads	M17/176-00002 Blunt Ends
Right Bus Termination	78.7 Ohm \pm 1%, 2W Resistor
Nominal Unit Weight	1.50 oz (42.52 g)



PART NUMBER	APPLICATION	LEAD LENGTH
IC6204-12	Vehicle	12 Inches
ICLF6204-03	Vehicle ✓ RoHS	30 Centimeters

DESCRIPTION	TECH NOTES
Stub Leads	M17/176-00002 Blunt Ends
Dual Bus Termination	78.7 Ohm \pm 1%, 2W Resistors
Nominal Unit Weight	1.10 oz (31.18 g)



PART NUMBER	APPLICATION	LEAD LENGTH
IC6205-12	Vehicle	12 Inches
ICLF6205-03	Vehicle ✓ RoHS	30 Centimeters

DESCRIPTION	TECH NOTES
Stub Leads	M17/176-00002 Blunt Ends
Dual Bus Termination	78.7 Ohm \pm 1%, 2W Resistors
Nominal Unit Weight	1.10 oz (31.18 g)



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1.0 ELECTRICAL SPECIFICATIONS: IAW MIL-STD-1553B

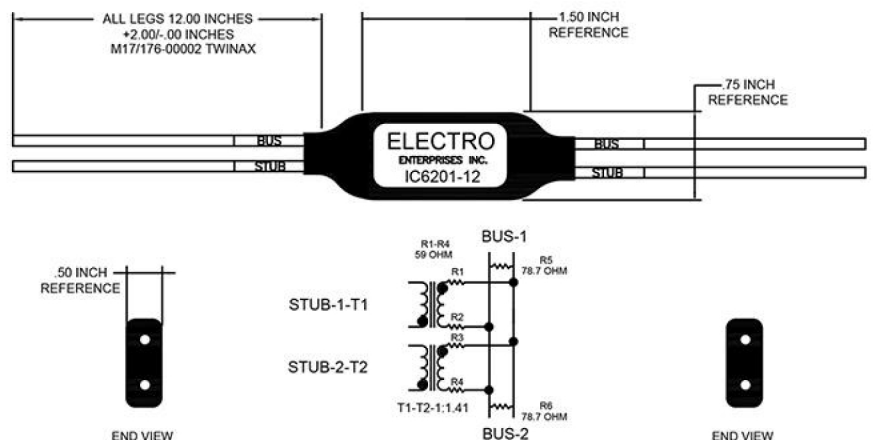
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|---------------------------------|-------------------------|
| 1.1 DROOP: | 20% MAXIMUM |
| 1.2 OVERSHOOT AND RINGING: | +/- 1.0V PK-PK |
| 1.3 TRANSFORMER RATIO: | 1:1.41 STUB TO BUS |
| 1.4 FAULT PROTECTION R1-R4: | 59 OHM +/- 1%, 2 WATT |
| 1.5 TERMINATION RESISTOR R5-R6: | 78.7 OHM +/- 1%, 2 WATT |
| 1.6 COMMON MODE REJECTION: | -55dB @ 1MHz |

2.0 MECHANICAL SPECIFICATIONS:

- | | |
|---------------------|----------------------------|
| 2.1 CASE MATERIAL: | 1100 SERIES ALUMINUM ALLOY |
| 2.2 CASE COATING: | ALODINE |
| 2.3 CONNECTOR TYPE: | BLUNT LEADS |
| 2.4 NOMINAL WEIGHT: | AS NOTED |

3.0 ENVIRONMENTAL:

- | | |
|----------------------------|-----------------|
| 3.1 OPERATING TEMPERATURE: | -55°C TO +125°C |
| 3.2 MANUFACTURED PER: | MIL-STD-202G |



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3-Stub Inline Bus Couplers



PART NUMBER	APPLICATION	LEAD LENGTH
IC6301-12	Vehicle	12 Inches
ICLF6301-03	Vehicle ✓ RoHS	30 Centimeters



PART NUMBER	APPLICATION	LEAD LENGTH
IC6302-12	Vehicle	12 Inches
ICLF6302-03	Vehicle ✓ RoHS	30 Centimeters



PART NUMBER	APPLICATION	LEAD LENGTH
IC6303-12	Vehicle	12 Inches
ICLF6303-03	Vehicle ✓ RoHS	30 Centimeters

DESCRIPTION	TECH NOTES
Bus & Stub Leads	M17/176-00002 Blunt Ends
Bus Termination	Non-terminated
Nominal Unit Weight	2.70 oz (76.54 g)

DESCRIPTION	TECH NOTES
Bus & Stub Leads	M17/176-00002 Blunt Ends
Right Bus Termination	78.7 Ohm \pm 1%, 2W Resistor
Nominal Unit Weight	2.30 oz (65.20 g)

DESCRIPTION	TECH NOTES
Bus & Stub Leads	M17/176-00002 Blunt Ends
Right Bus Termination	78.7 Ohm \pm 1%, 2W Resistor
Nominal Unit Weight	2.30 oz (65.20 g)



PART NUMBER	APPLICATION	LEAD LENGTH
IC6304-12	Vehicle	12 Inches
ICLF6304-03	Vehicle ✓ RoHS	30 Centimeters



PART NUMBER	APPLICATION	LEAD LENGTH
IC6305-12	Vehicle	12 Inches
ICLF6305-03	Vehicle ✓ RoHS	30 Centimeters



PART NUMBER	APPLICATION	LEAD LENGTH
IC6306-12	Vehicle	12 Inches
ICLF6306-03	Vehicle ✓ RoHS	30 Centimeters

DESCRIPTION	TECH NOTES
Bus & Stub Leads	M17/176-00002 Blunt Ends
Right Bus Termination	78.7 Ohm \pm 1%, 2W Resistor
Nominal Unit Weight	2.30 oz (65.20 g)

DESCRIPTION	TECH NOTES
Stub Leads	M17/176-00002 Blunt Ends
Dual Bus Termination	78.7 Ohm \pm 1%, 2W Resistors
Nominal Unit Weight	1.90 oz (53.86 g)

DESCRIPTION	TECH NOTES
Stub Leads	M17/176-00002 Blunt Ends
Dual Bus Termination	78.7 Ohm \pm 1%, 2W Resistors
Nominal Unit Weight	1.90 oz (53.86 g)



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1.0 ELECTRICAL SPECIFICATIONS: IAW MIL-STD-1553B

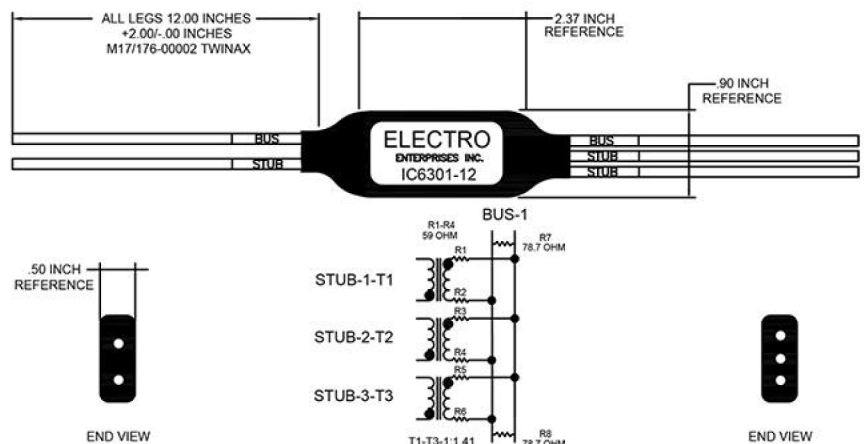
- 1.1 DROOP: 20% MAXIMUM
- 1.2 OVERSHOOT AND RINGING: \pm 1.0V PK-PK
- 1.3 TRANSFORMER RATIO: 1:1.41 STUB TO BUS
- 1.4 FAULT PROTECTION R1-R6: 59 OHM \pm 1%, 2 WATT
- 1.5 TERMINATION RESISTOR R7-R8: 78.7 OHM \pm 1%, 2 WATT
- 1.6 COMMON MODE REJECTION: -55dB @ 1MHz

2.0 MECHANICAL SPECIFICATIONS:

- 2.1 CASE MATERIAL: 1100 SERIES ALUMINUM ALLOY
- 2.2 CASE COATING: ALODINE
- 2.3 CONNECTOR TYPE: BLUNT LEADS
- 2.4 NOMINAL WEIGHT: AS NOTED

3.0 ENVIRONMENTAL:

- 3.1 OPERATING TEMPERATURE: -55°C TO +125°C
- 3.2 MANUFACTURED PER: MIL-STD-202G



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4-Stub Inline Bus Couplers



PART NUMBER	APPLICATION	LEAD LENGTH
IC6401-12	Vehicle	12 Inches
ICLF6401-03	Vehicle ✓ RoHS	30 Centimeters

DESCRIPTION	TECH NOTES
Bus & Stub Leads	M17/176-00002 Blunt Ends
Bus Termination	Non-terminated
Nominal Unit Weight	3.10 oz (87.88 g)



PART NUMBER	APPLICATION	LEAD LENGTH
IC6402-12	Vehicle	12 Inches
ICLF6402-03	Vehicle ✓ RoHS	30 Centimeters

DESCRIPTION	TECH NOTES
Bus & Stub Leads	M17/176-00002 Blunt Ends
Right Bus Termination	78.7 Ohm \pm 1%, 2W Resistor
Nominal Unit Weight	2.70 oz (76.54 g)



PART NUMBER	APPLICATION	LEAD LENGTH
IC6403-12	Vehicle	12 Inches
ICLF6403-03	Vehicle ✓ RoHS	30 Centimeters

DESCRIPTION	TECH NOTES
Bus & Stub Leads	M17/176-00002 Blunt Ends
Right Bus Termination	78.7 Ohm \pm 1%, 2W Resistor
Nominal Unit Weight	2.70 oz (76.54 g)



PART NUMBER	APPLICATION	LEAD LENGTH
IC6404-12	Vehicle	12 Inches
ICLF6404-03	Vehicle ✓ RoHS	30 Centimeters

DESCRIPTION	TECH NOTES
Stub Leads	M17/176-00002 Blunt Ends
Dual Bus Termination	78.7 Ohm \pm 1%, 2W Resistors
Nominal Unit Weight	2.30 oz (65.20 g)



PART NUMBER	APPLICATION	LEAD LENGTH
IC6405-12	Vehicle	12 Inches
ICLF6405-03	Vehicle ✓ RoHS	30 Centimeters

DESCRIPTION	TECH NOTES
Stub Leads	M17/176-00002 Blunt Ends
Dual Bus Termination	78.7 Ohm \pm 1%, 2W Resistors
Nominal Unit Weight	2.30 oz (65.20 g)



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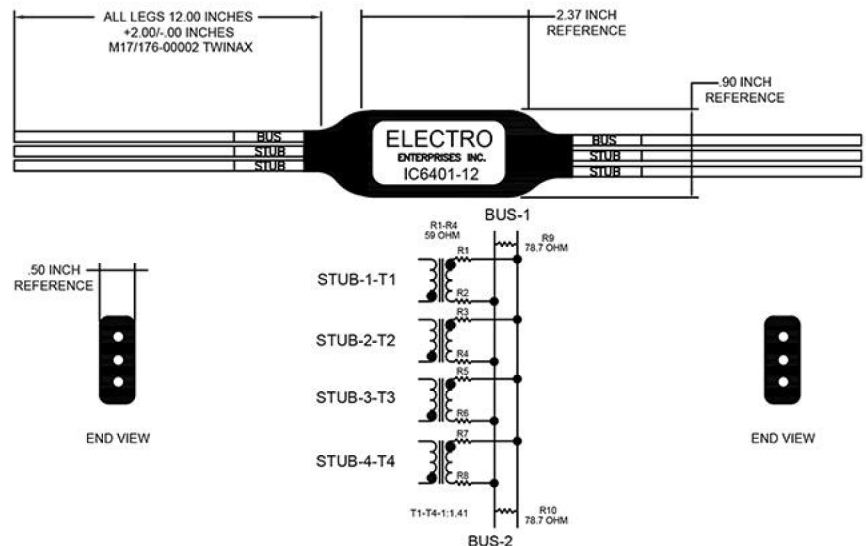
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|----------------------------------|-------------------------|
| 1.1 DROOP: | 20% MAXIMUM |
| 1.2 OVERSHOOT AND RINGING: | +/- 1.0V PK-PK |
| 1.3 TRANSFORMER RATIO: | 1:1.41 STUB TO BUS. |
| 1.4 FAULT PROTECTION R1-R8: | 59 OHM +/- 1%, 2 WATT |
| 1.5 TERMINATION RESISTOR R9-R10: | 78.7 OHM +/- 1%, 2 WATT |
| 1.6 COMMON MODE REJECTION: | -55dB @ 1MHz |

2.0 MECHANICAL SPECIFICATIONS:

- | | |
|---------------------|----------------------------|
| 2.1 CASE MATERIAL: | 1100 SERIES ALUMINUM ALLOY |
| 2.2 CASE COATING: | ALODINE |
| 2.3 CONNECTOR TYPE: | BLUNT LEADS |
| 2.4 NOMINAL WEIGHT: | AS NOTED |

3.0 ENVIRONMENTAL:

- | | |
|----------------------------|-----------------|
| 3.1 OPERATING TEMPERATURE: | -55°C TO +125°C |
| 3.2 MANUFACTURED PER: | MIL-STD-202G |



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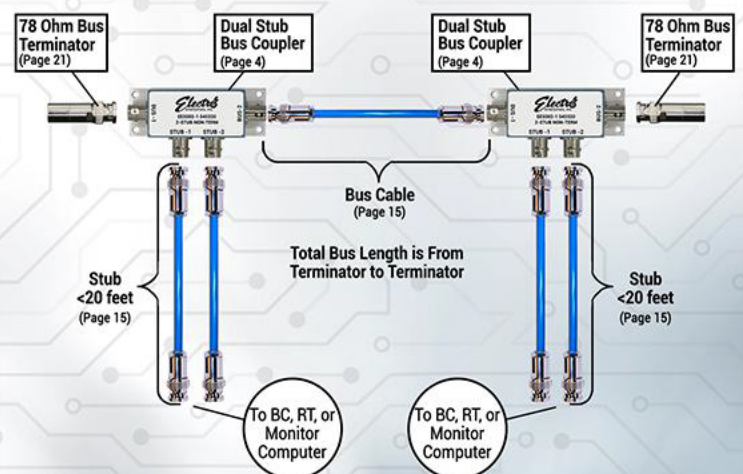
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