



| REVISION HISTORY | | | |
|------------------|-------------------------------------|------------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| A-D1 | INITIAL RELEASE | 2022-01-18 | GDV |
| A-D2 | RELEASED TO PRODUCTION (RFA21-0053) | 2022-01-24 | GDV |



Unit Label

| DIMENSIONS ARE IN inches [mm] | | |
|--|--|---|
| Unless otherwise noted, tolerances as stated. | | |
| TOLERANCES X.XXX" [X.XX mm] X.XX" [X.X mm] X.X" [X mm] | FABRICATION ± 0.015" [0.38 mm] ± 0.03" [0.7 mm] ± 0.06" [1.5 mm] ANGLES ± 1.0 | MACHINING/CASTING/ MOLDING ± 0.005" [0.13 mm] ± 0.008" [0.2 mm] ± 0.03" [0.7 mm] ANGLES ± 0.5 others ISO 2768-2 class K |

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|---|--|-------------------------------|--|---|--|--|-----------------------|
| THE INFORMATION CONTAINED IN THIS DRAWING IS CONFIDENTIAL AND PROPRIETARY AND REMAINS THE EXCLUSIVE PROPERTY OF AXIOMATIC TECHNOLOGIES CORPORATION. THIS DRAWING MAY NOT BE USED, REPRODUCED IN WHOLE OR IN PART, NOR REVEALED TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF AXIOMATIC TECHNOLOGIES CORPORATION. BY ACCEPTANCE OF THIS DRAWING, THE BEARER AGREES TO THESE CONDITIONS. | | | | AXIOMATIC TECHNOLOGIES CORPORATION 5915 WALLACE ST. MISSISSAUGA, ON CANADA L4Z 1Z8 905-602-9270 | | | |
| MATERIAL NA | | DRAWN TF | | DATE 2022-01-18 | | TITLE Single Thermocouple, Dual Universal Inputs, Dual CAN Controller | |
| FINISH NA | | CHECKED | | DATE | | DWG REV D2 | DWG NO AX189000-MD |
| THIRD ANGLE PROJECTION | | TOOL INVENTOR SIZE B | | APPROVED | | SCALE 1.25 | PART NO AX189000 |
| | | | | DATE | | | SHEET 1 of 2 |

SINGLE THERMOCOUPLE,
DUAL UNIVERSAL INPUTS,
DUAL CAN CONTROLLER

| CONNECTOR PIN ASSIGNMENT | | | |
|--------------------------|----------|-----|----------|
| PIN | FUNCTION | PIN | FUNCTION |
| 1 | UIN1_RTN | 7 | CAN2_L |
| 2 | UIN1 | 8 | CAN2_H |
| 3 | UIN2 | 9 | CAN1_L |
| 4 | UIN2_RTN | 10 | CAN1_H |
| 5 | TC1_IN+ | 11 | PWR- |
| 6 | TC1_IN- | 12 | PWR+ |

| DIMENSIONS ARE IN inches [mm] | | |
|---|--|---|
| Unless otherwise noted, tolerances as stated. | | |
| TOLERANCES X.XXX" [X.XX mm] X.XX" [X.X mm] X.X" in [X mm] | FABRICATION ± 0.015" [0.38 mm] ± 0.03" [0.7 mm] ± 0.06" [1.5 mm] ANGLES ± 1.0 | MACHINING/CASTING/ MOLDING ± 0.005" [0.13 mm] ± 0.008" [0.2 mm] ± 0.03" [0.7 mm] ANGLES ± 0.5 others ISO 2768-2 class K |

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| MATERIAL NA | | DRAWN TF | DATE 2022-01-18 | TITLE Single Thermocouple, Dual Universal Inputs, Dual CAN Controller | | | |
| FINISH NA | | CHECKED | DATE | DWG REV D2 | DWG NO AX189000-MD | PART REV A | |
| THIRD ANGLE PROJECTION | | TOOL INVENTOR SIZE B | APPROVED | DATE | SCALE 1 | PART NO AX189000 | SHEET 2 of 2 |
| | | | | | | | |