PROPRIETARY NOTICE

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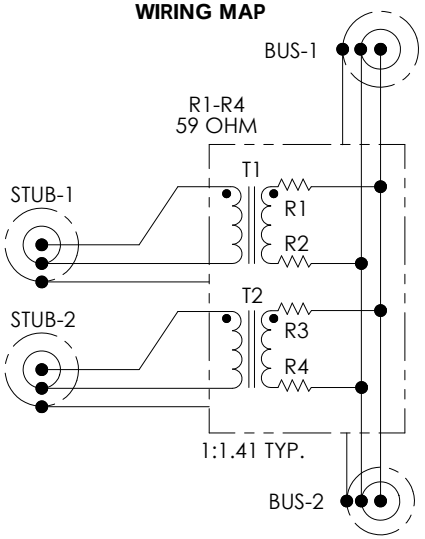
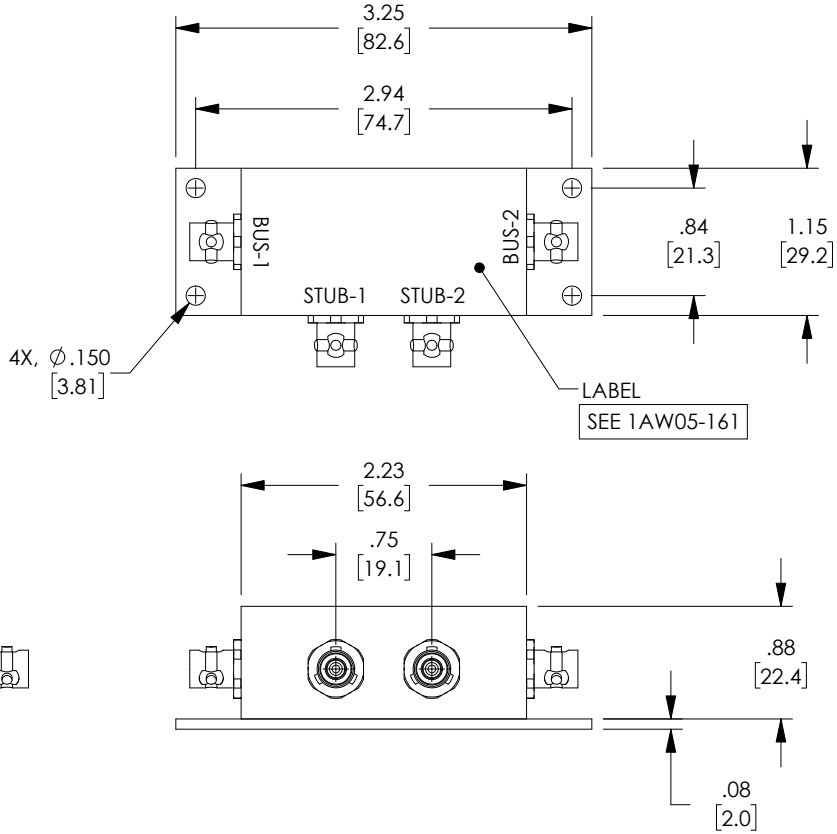
LEAD FREE SOLDER

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	05/28/2019	DFRISIELLO

WIRING MAP





1.0 ELECTRICAL SPECIFICATIONS: IAW MIL-STD-1553B

1.1 DROOP	20% MAXIMUM
1.2 OVERSHOOT AND RINGING	+/- 1.0V PK-PK
1.3 TRANSFORMER RATIO	1:1.41 TURNS
1.4 FAULT PROTECTION	59 OHM +/-1%, 2 WATT PER MIL-R-39007
1.5 COMMON MODE REJECTION	-55dB @ 1 MHz

2.0 MECHANICAL SPECIFICATIONS:

2.1 HOUSING: DIE CAST A360 ALUMINUM ALLOY
CLEAR ANODIZED AND PAINTED WITH TEXTURE.
BAKED ENAMEL, COLOR: BLUE
2.2 BASE PLATE: 6061-T6 ALUMINUM, SATIN FINISH.
2.3 CONNECTOR: TRS PLUG OR EQUIVALENT

3.0 ENVIRONMENTAL:

3.1 OPERATING TEMPERATURE: -55˚ C TO +125˚ C.

4.0 ALL MATERIALS USED ARE CERTIFIED RoHS COMPLIANT.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES

OVERALL CABLE LENGTH TOLERANCE:
≤12 [305] = +1 [25] / -0
>12 [305] ≤60 [1524] = +2 [51] / -0
>60 [1524] ≤120 [3048] = +4 [102] / -0
>120 [3048] ≤300 [7620] = +6 [152] / -0
>300 [7620] = +5% / -0%

ALL OTHER DIMENSIONAL TOLERANCES:
.X = ± .2 [5.08]
.XX = ± .02 [.51]
.XXX = ±.005 [.13]

CUSTOMER REFERENCE DOCUMENT:

SIGNATURE	DATE
DRAWN BY: DFRISIELLO	05/21/2019
CHECKED BY: MHEARN	05/28/2019
APPROVED BY: MHEARN	05/28/2019

CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY

CAGE CODE: 4Z977

MilesTek
Military | Aerospace | Communications | Industrial

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TITLE
ROHS 2 STUB SUBMIN NT TRS BOX COUPLER

SIZE	DRAWING NUMBER:	REV.
A	MSX00055	A

SCALE: NTS | SHEET 1 OF 1