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DWG NO 127-4766A SH 1 REV A

REVISIONS

REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	14757	INITIAL RELEASE	AM 12/12/18	KG	

D

D

C

C

B

B

A

A

2X SHCS MODEL 69001
4-40 X .75, SUPPLIED

CABLE, 4-CONDUCTOR
PVC JACKET, BLK

2.03 [51.6] 6.5 FT [165.1]

3 SENSING LENS

1.21 [30.7]

(.10) [2.5]

M18 X 1 X 15 MM THREAD

(.47) [12]

(2X .28) [7.1]

Φ.73 [18.5]

Φ.13 [3.2] BACKSHELL M85049/38S9S

MOUNTING PEG

Φ.25 [6.4] 2 CONNECTOR, 3-PIN D38999/26KA98SA

KEY

LIGHT/DARK ADJUST SWITCH

PIN A SIGNAL

PIN C POWER

PIN B GND

VIEW A-A
SCALE 3 : 2

5. OPERATING VOLTAGE: 10 TO 30V DC

4. OPERATING TEMPERATURE: -4°F (-20°C) TO +158°F (+70°C)

3 APPLY REFLECTIVE TAPE, DYTRAN MODEL 69002 (SUPPLIED), ON SURFACE OF UNIT UNDER MEASUREMENT AND POSITION LENS TOWARDS SURFACE.

2 MATES WITH DYTRAN MODEL 4765A.

1. WEIGHT: 182 GRAMS, MAX.

NOTES: UNLESS OTHERWISE SPECIFIED

UNLESS OTHERWISE SPECIFIED:
INTERPRET DIM & TOL PER
ASME Y14.5M - 1994.
REMOVE BURRS.
COUNTERSINK INTERNAL THDS
90° TO MAJOR DIA.
CHAM EXT THDS 45° TO MINOR DIA.
THD LENGTHS AND DEPTHS ARE FOR
MIN FULL THDS.
DIMENSIONS APPLY AFTER FINISHING.

ALL MACHINED SURFACES.
TOTAL RUNOUT WITHIN .005.
BREAK SHARP EDGES .005 TO .010.
MACHINED FILLET RADII .005 TO .015.
WELDING SYMBOLS PER AWS A2.4.
ABBREVIATIONS PER MIL-STD-12.

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES.
DIMENSIONS IN BRACKETS [] ARE IN
MILLIMETERS TOLERANCES ARE:

DECIMALS	METRIC	ANGLES
.XX ±.03	X ± 0.8	±1°
.XXX ±.010	.XX ±0.25	

APPROVALS		DATE
ORIG	AM	12/12/18
CHK	KG	12/14/18
APP		12/18/18

DO NOT SCALE DRAWING	THIRD ANGLE PROJECTION

DYTRAN
INSTRUMENTS, INC. Chatsworth, CA

MASTER COPY IN RED

TITLE: **OUTLINE/INSTALLATION DWG,
TACHOMETER, MODEL 4766A**

SIZE	CAGE CODE	DWG NO	REV
B	2W033	127-4766A	A

SCALE: 1:1 SHEET 1 OF 1

172-0186 REV A

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