

PROPRIETARY AND CONFIDENTIAL

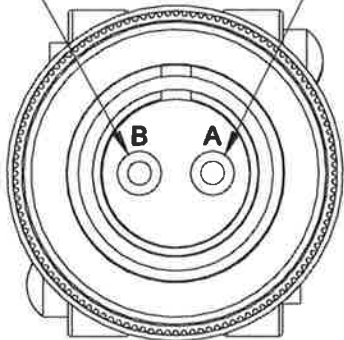
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DWG NO 127-6038A SH 1 REV B

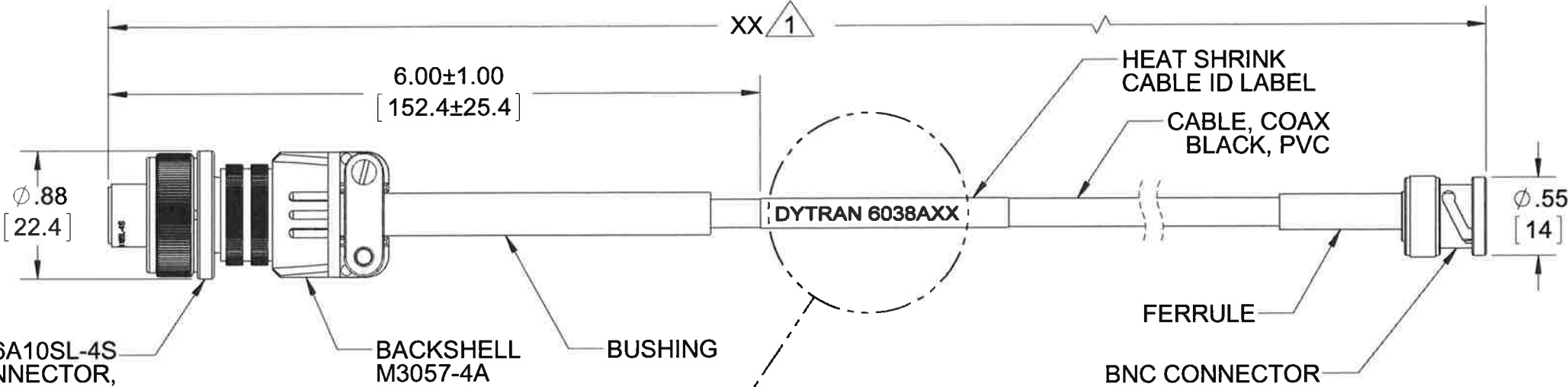
REVISIONS

REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
B	11199	ADDED CABLE ID LABEL. CONVERTED TO SW	EC 08/05/14	JCS	

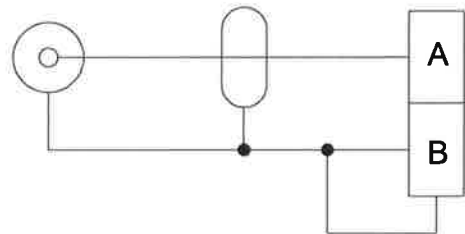
GND SIG/PWR



MS3106A10SL-4S
2-PIN CONNECTOR,
MATES WITH MS3100A105L-4P



DYTRAN 6038AXX



SCHEMATIC DIAGRAM

1 CABLE LENGTH TOLERANCE

ENGLISH		METRIC	
≤1FT	+1/-0 IN	≤0.3m	+25mm/-0mm
>1 FT - 5 FT	+2/-0 IN	>0.3m-1.5m	+50mm/-0mm
> 5 FT - 10 FT	+4/-0 IN	>1.5m-3m	+100mm/-0mm
>10 FT - 25FT	+6/-0 IN	>3m-7.5m	+150mm/-0mm
>25 FT	+5%/-0%	>7.5m	+5%-0%

2 CABLE SPECIFICATIONS

AWG	20 AWG 19X32 58 A/U
TEMPERATURE	+176°F (+80°C)
CABLE DIA	Ø.194 NOMINAL
SHIELD	TINNED COPPER BRAID 93%
JACKET	PVC
OPERATING RANGE	-40°F (-40°C) TO 176°F (80°C)
MAX BEND RADIUS	2.0 IN
MAX PULL TENSION	50 LBS
CABLE WEIGHT	25 LBS/1000 FT
INSULATION	.114 FPE

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.

DECIMALS .XX ± .03 .XXX ± .010		METRIC .X ± 0.8 .XX ± 0.25		ANGLES ± 1°
APPROVALS		DATE		
ORIG	EC	08/05/14		
CHK	JCS	08/19/14		
APP		8/25/14		
DO NOT SCALE DRAWING				

Chatsworth, CA

MASTER
ONLY IF IN RED

TITLE: **OUTLINE/INSTALLATION
DRAWING, MODEL 6038A**

SIZE B	CAGE CODE 2W033	DWG NO 127-6038A	REV B
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SCALE: 1:1

SHEET 1 OF 1

- 2 SEE CABLE SPECIFICATION TABLE.
- 1 PART NUMBER 6038AXX (XX DENOTES LENGHT IN FEET)

NOTES: UNLESS OTHERWISE SPECIFIED