

PROPRIETARY AND CONFIDENTIAL

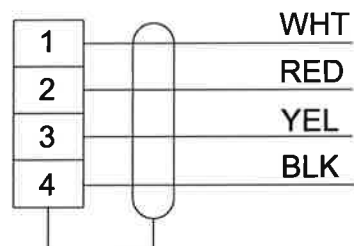
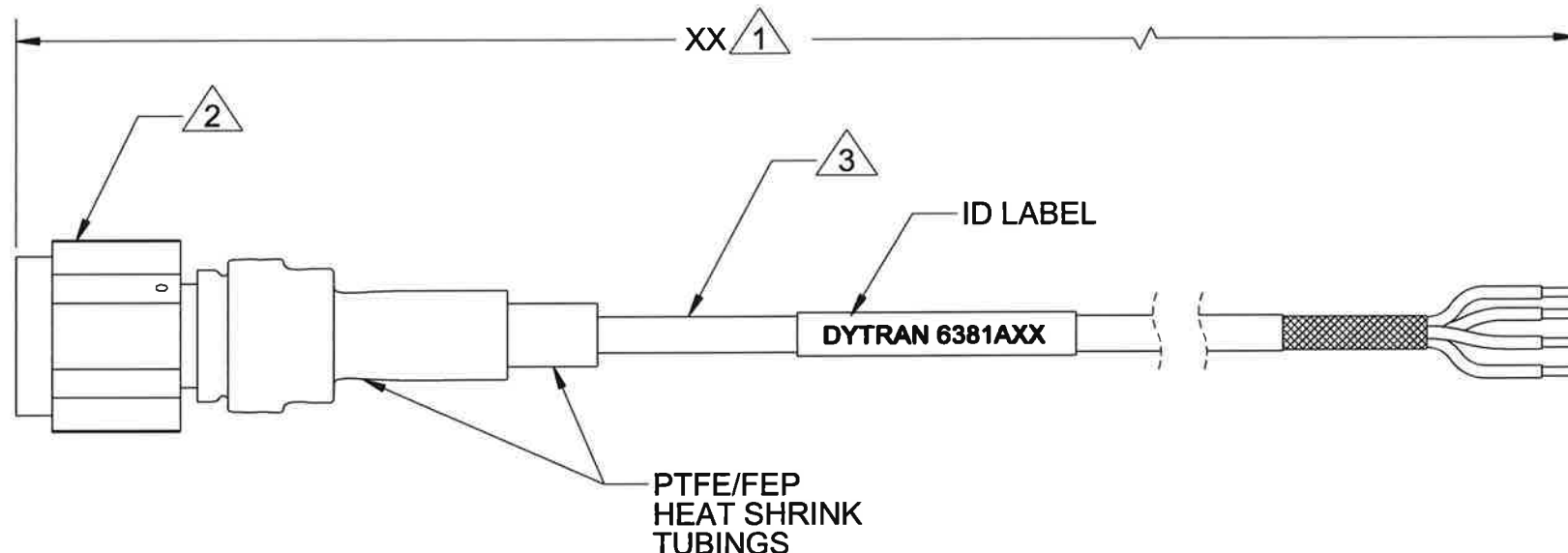
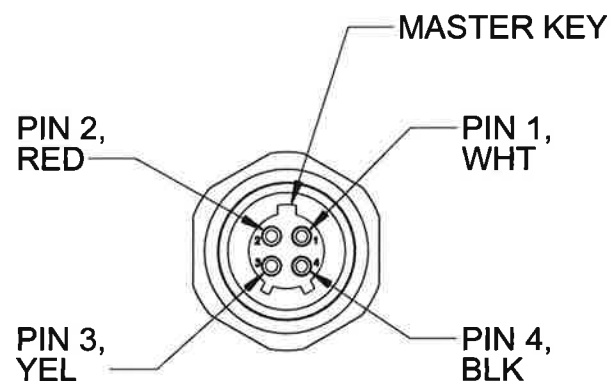
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REVISIONS

REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	12009	INITIAL RELEASE	NDC 07/27/15	LN	[Signature]

1 CABLE LENGTH TOLERANCE

ENGLISH		[METRIC]	
≤1FT	+1/ -0 IN	≤0.3m	+25mm -0mm
>1 FT - 5 FT	+2/ -0 IN	.0.3 m-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%



SCHEMATIC DIAGRAM

3 4 CONDUCTOR, CABLE	
CONDUCTORS	30 AWG 7/38 SILVER PLATED COPPER
TEMP	-321 °F TO +392 °F (-196 °C TO +200 °C)
VOLTAGE	250 VOLTS
SHIELD	SILVER PLATED COPPER BRAID, 90% MIN COVERAGE
JACKET	FEP, BLACK, .006/.015 WALL
DIAMETER	.095/.105

4. OPERATING TEMPERATURE RANGE: -321 °F (-196 °C) TO 392 °F (200 °C)

3 CABLE SPECIFICATIONS: SEE TABLE.

2 GLENAIR P/N : 800-006-16-Z1-6-4-SN  
MATES WITH DYTRAN MODELS:  
3143M12, 3143M13, 3143M14, 3143M16, 3143M17 & 3533A.

1 PART NO. 6381AXX, XX DENOTES LENGTH IN FEET.  
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	NDC	04/21/15
CHK	LN	7/27/15
APP	[Signature]	

DO NOT SCALE DRAWING



TITLE: <b>OUTLINE/INSTALLATION DRAWING, MODEL 6381A</b>		SIZE <b>B</b>	CAGE CODE <b>2W033</b>	DWG NO <b>127-6381A</b>	REV <b>A</b>
SCALE: 1:1				SHEET 1 OF 1	