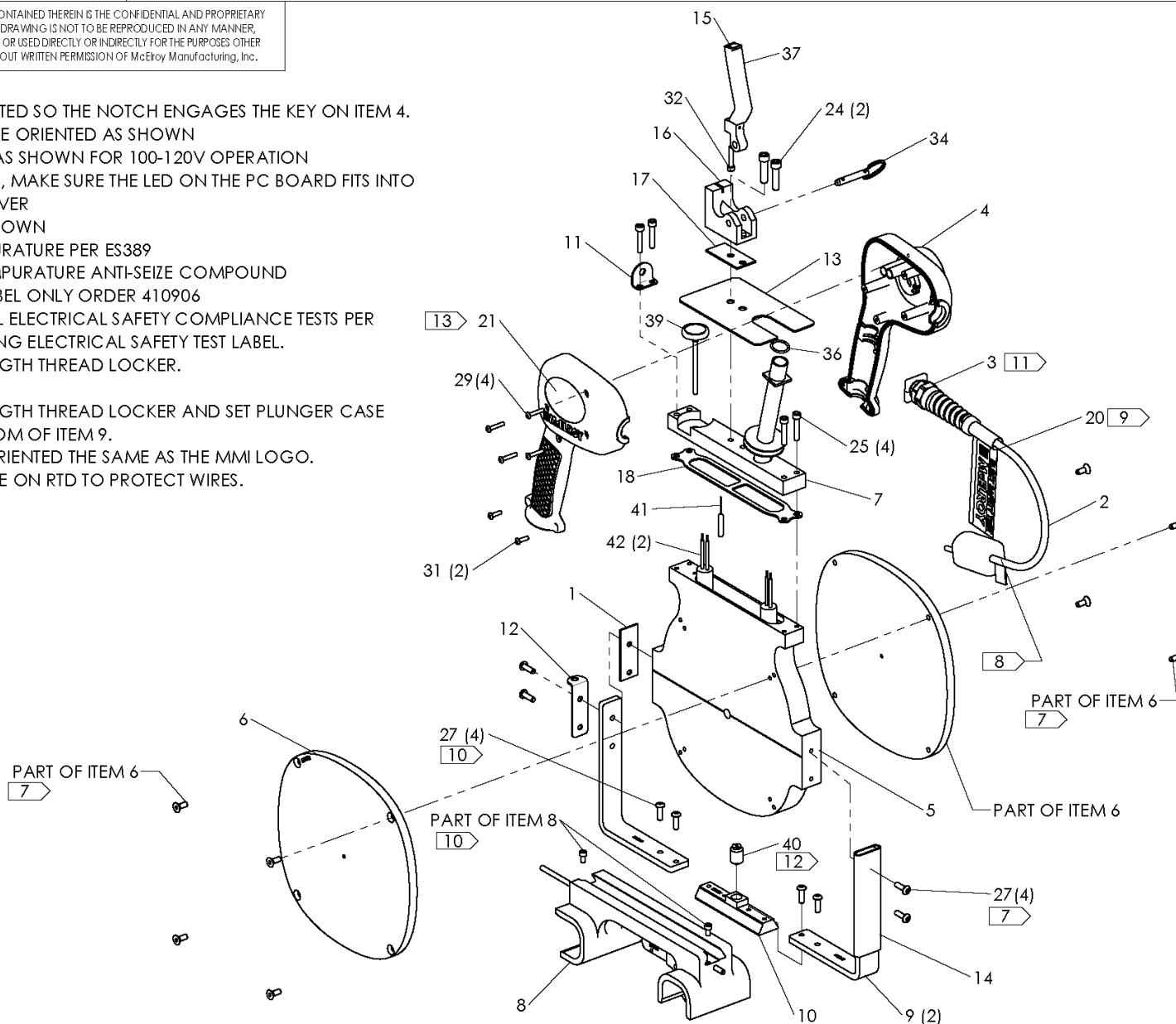


Polygon™ 180mm HEATER ASSEMBLY 100/120V, 50/60HZ, 1 Ph

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NOTES:

1. ITEM 19 MUST BE ORIENTED TO THE NOTCH ENGAGES THE KEY ON ITEM 4.
2. RING TERMINAL MUST BE ORIENTED AS SHOWN
3. PLACE TWO JUMPERS AS SHOWN FOR 100-120V OPERATION
4. WHEN MATING HALVES, MAKE SURE THE LED ON THE PC BOARD FITS INTO LONG SOCKET ON COVER
5. TAPE WIRES IN AREA SHOWN
6. SET AND CHECK TEMPERATURE PER ES389
7. INSTALL WITH HIGH TEMPERATURE ANTI-SEIZE COMPOUND
8. FOR REPLACEMENT LABEL ONLY ORDER 410906
9. HEATER SHALL PASS ALL ELECTRICAL SAFETY COMPLIANCE TESTS PER ES497 BEFORE INSTALLING ELECTRICAL SAFETY TEST LABEL.
10. APPLY MEDIUM STRENGTH THREAD LOCKER.
11. TORQUE TO 42 IN-LBS.
12. APPLY MEDIUM STRENGTH THREAD LOCKER AND SET PLUNGER CASE DEPTH EVEN TO BOTTOM OF ITEM 9.
13. ITEM 21 SHOULD BE ORIENTED THE SAME AS THE MMI LOGO.
14. INSTALL ITEM 48 SLEEVE ON RTD TO PROTECT WIRES.

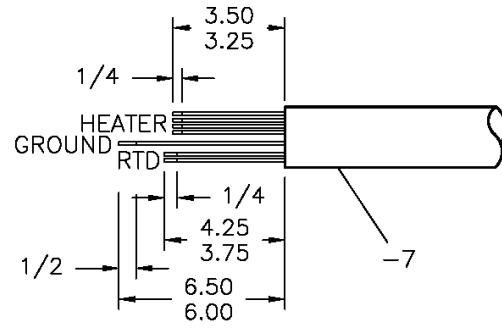




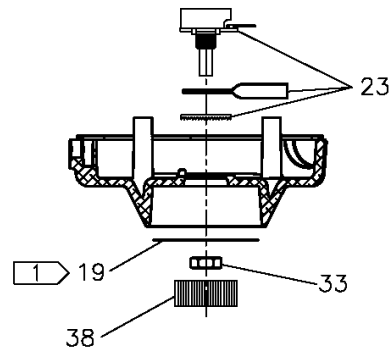
McElroy Manufacturing, Inc.
The leader by design.
Tulsa, Oklahoma U.S.A.

DRAWN: CJW CHECK: RLT APPR'D: PJD DATE: 12/26/18 SHT No: 5B REV No: D PART No: 730205
Polygon™ 180mm HEATER ASSEMBLY 100/120V, 50/60Hz, 1Ph

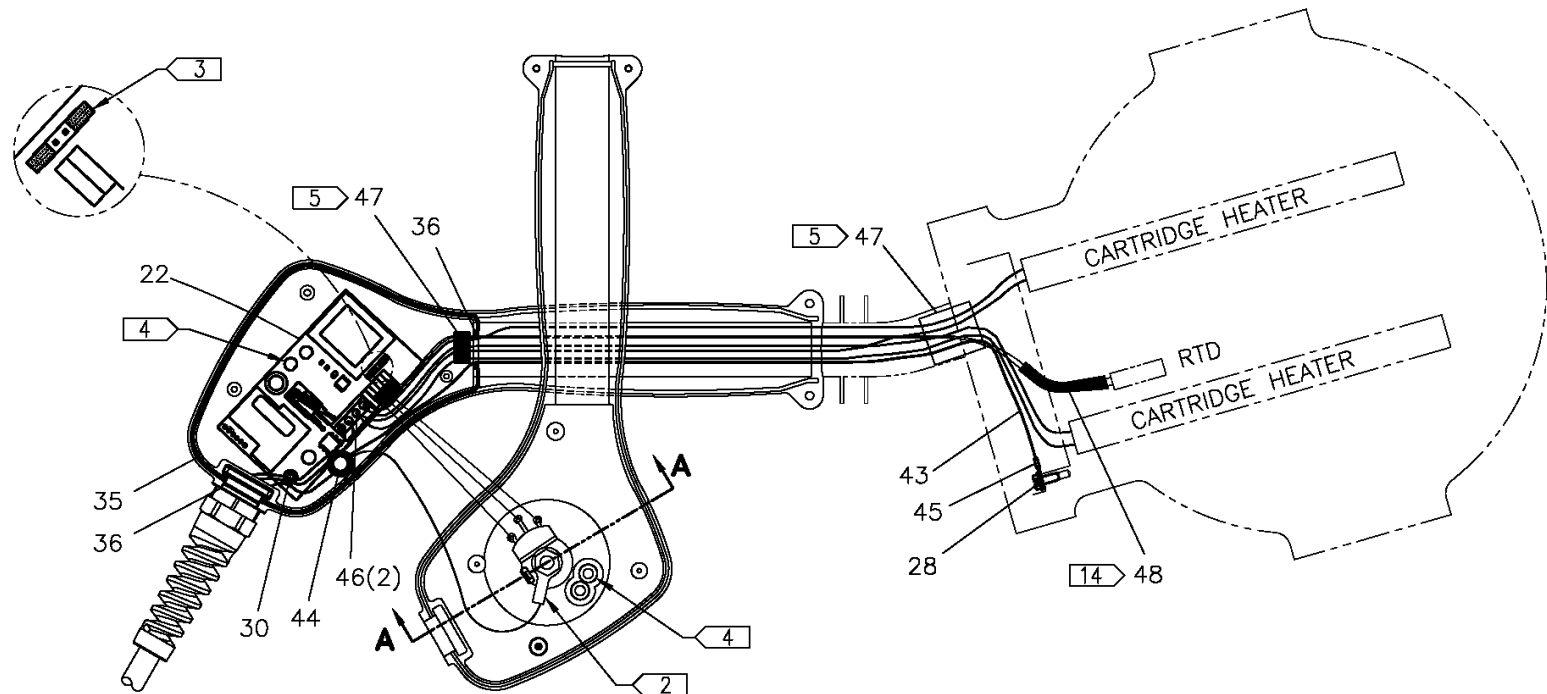
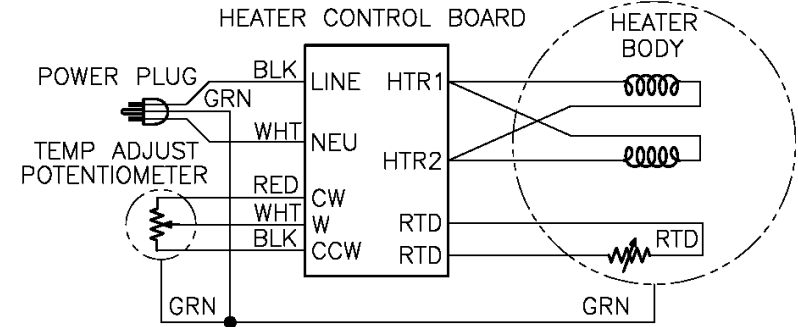
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LEAD CUT LENGTH DETAIL



SECTION A-A



McElroy Manufacturing Parts List

Part Number: 730205 Obsolete & Replaced by 724301 (Polygon 180mm Heater Assembly 100/120V, 50/60Hz, 1Ph)

Part Number 730205 Component List

Item	Component	Description	Quantity	Unit	Price
1	426001	4MLMC Htr Support Bkt Gasket	1.0	EA	2.39
2	853602	15A/125V Cord W/nema 5-15 Plug	1.0	EA	70.92
3	434302	Power Cord Strain Relief	1.0	EA	14.35
4	437203	Small Htr Handle/enclosure	1.0	EA	31.57
5	707802	26/180 Expanded Heater Body	1.0	EA	173.00
6	707902	26/180 Expanded Htr Butt Plate (Effective to 4/25/19)	2.0	EA	0.00
6	A707902	26/180 Exp Htr Butt Plate Kit	1.0	EA	470.00
7	708001	26/180 Cover Plate Weld Assy	1.0	EA	146.00
8	734903	Guide Rod Bracket Assembly	1.0	EA	0.00
9	735101	Heater Support Bracket	2.0	EA	0.00
10	735201	Heater Indexing Bracket	1.0	EA	0.00
11	737401	Bowden Up Sprt Guide Bracket	1.0	EA	0.00
12	737402	Bowden Lwr Sprt Guide Bracket	1.0	EA	0.00
13	737501	Heat Shield	1.0	EA	0.00
14	738001	Handle Bracket Insulator	1.0	EA	0.00
15	738301	Heater Latch Release Handle	1.0	EA	229.00
16	738601	Lever Base Bracket	1.0	EA	220.00
17	738701	Lever Base Bracket Gasket	1.0	EA	1.39
18	809001	Htr Cover Plate Gasket	1.0	EA	9.74
19	816382	Temperature Scale Label	1.0	EA	7.33
20	8163210	Electrical Safety Test Label	1.0	EA	0.00
21	8163414	Model 730205 Part NO Label	1.0	EA	0.00
22	T5030001	Heater Control Pcb Assy	1.0	EA	156.00
23	T5030002	Potentiometer Assy	1.0	EA	15.05
24	MAC00055	1/4-20NCX1LG Shcs PL	2.0	EA	0.25
25	MAC00462	#10-24NCX1LG Shcs PL	4.0	EA	0.00
26	MAD00031	#10-24NCX1/2LG Fhscs (Effective to 4/25/19)	8.0	EA	0.39
27	MAE00137	#10-24NCX5/8LG Bhscs Stl PL	8.0	EA	0.34
28	MAH00036	#6-32NCX3/8LG Hwh TC Scr (Effective to 5/2/19)	1.0	EA	0.29
28	MAL00024	#8-32NCX1/4LG Hwhsms SS	1.0	EA	0.34
29	MAL00010	#6-19X3/4LG Torx T15 Pan Hdscr	4.0	EA	0.56
30	MAL00011	#6-19X1/4LG Torx T15 Pan Hdscr	1.0	EA	0.66
31	MAL00013	#6-19X1/2LG Torx T15 Pan Hdscr	2.0	EA	0.50
32	MAN00125	#8-32NCX7/8LG Shcs SS	1.0	EA	0.41
33	MBA00067	3/8-32NEF X 0.22 X 1/4 Sealnut	1.0	EA	6.22
34	MCE00065	1/4DIA X 1.00 Grip Detent Pin	1.0	EA	5.54
35	MDL00243	.070DIA Buna-n O-ring Stock	1.5	FT	1.03
36	MDL00248	O-ring	2.0	EA	0.30
37	MHA00092	.437ID X .562OD Silicone Tubing	3.25	IN	0.92
38	MJJ00023	Control Knob	1.0	EA	5.24
39	MJK00002	2.5LG, 150-650DEG F Thermometer	1.0	EA	48.72
40	MJN00024	1/2-13 Ball Plunger	1.0	EA	0.00
41	MKI00003	1X3/16 316SS 100OHM Plat Rtd	1.0	EA	64.04
42	MLD00102	120V, 800W, 5/8X6-7/8 Ctrg Htr	2.0	EA	0.00
43	MLL00214	#18 Type Tggt Wire, Green/yel	1.25	FT	1.78
44	MLM00002	2/16-2/22 Closed End Splice	1.0	EA	0.80
45	MLM00004	18-22 X #6 Ring Term, Non-insu (Effective to 5/2/19)	1.0	EA	1.03
45	MLM00372	18-22 X #8 Hi-temp Ring Term	1.0	EA	1.27
46	MLM00250	#12 X 10MM Insulated Ferrule	2.0	EA	1.50
47	MLN00219	Fiberglass Tape (per Ft)	0.67	FT	0.56
48	MLW00002	0.133ID Fiberglas Sleeve(roll)	0.5	FT	2.08

Please visit <https://fusion.mcelroy.com/parts> to purchase parts or for more information.