

PURCHASE DESCRIPTION WORKSHEET
MCBCL 4225/2

type file

SPECIFICATIONS

STOCK NO.

4540-00-781-5341

Heating element for use with water heater,
electrical, immersion type, 240V/3000W,
sq. 2 1/2 in sq flange - 4 bolt holes in corners,
include sq. fl. gasket. Do not sub on volts
and watts

E.L. Wiegand # TGA 2307

EJB 205-67B

AAC-K MLC Apr 87 CN

all attached inv 3-17-04

Formerly 4540-00-058-6138

U/I EA

U/P 2.8.3

NEW ITEM
 DESCRIPTION CHANGE

SHOP STORES
 SELF SERVICE CENTER

DATE

99 Dec 82

INITIALS

EJB

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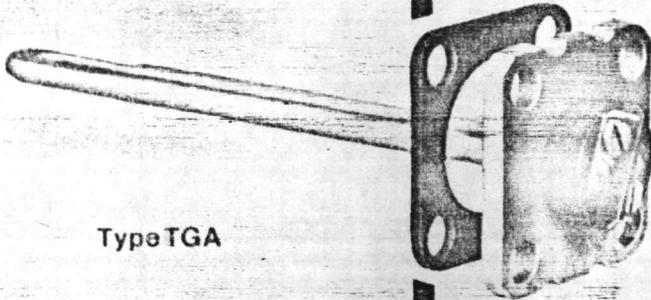
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water
heater
elements

6 Chromalox

TGA 2307
4510-00-781-5341



Type TGA

These elements are identical to the original Chromalox elements now in use in hundreds of thousands of water heaters manufactured by RHEEM, A. O. SMITH, MOR-FLO, WAGNER, STATE STOVE, JACKSON, DUROMATIC, S. R. N. RUDD, AMERICAN-STANDARD.

GTRF gasket included, however if tank has recessed tank flanges, use TG27T gasket.

Volts	Watts	Catalog No. Stamped on Original OEM Element	Length Inside Tank	Catalog Number	Product Code No.
LOW WATT-DENSITY					
240	750	TG1077	7 ¹ / ₁₆	TGA-107	41163-5
240	1000	TG1107	7 ¹ / ₁₆	TGA-110	41165-1
240	1250	TG1127	7 ¹ / ₁₆	TGA-112	41167-8
240	1500	TG1157	7 ¹ / ₁₆	TGA-1157	41169-4
240	2000	TG1207	10%	TGA-1207	41171-5
240	2500	TG2257	7%	TGA-2257	41173-1
240	3000	TG2307	8 ¹ / ₁₆	TGA-2307	41174-0
240	3500	TG2357	9%	TGA-2357	41175-8
240	4000	TG2407	11 ¹ / ₁₆	TGA-2407	41176-6
240	4500	TG2457	11 ¹ / ₁₆	TGA-2457	41177-4
240	5000	TG2507	13%	TGA-2507	41178-2
240	5500	TG2557BX	11%	TGA-2557BX	41224-0
240	6000	TG2607BX	11%	TGA-2607BX	41179-0
120	1000	TG1107L	7 ¹ / ₁₆	TGA-110L	41164-3
120	1250	TG1127L	7 ¹ / ₁₆	TGA-112L	41166-0
120	1500	TG1157L	7 ¹ / ₁₆	TGA-1157L	41168-6
120	2000	TG1207L	10%	TGA-1207L	41170-7
120	2500	TG2257L	7%	TGA-2257L	41172-3

Special Voltage Units

HIGH WATT-DENSITY					
208	2000	TG1203	7%	TG-1203	41326-0
208	2500	TG1253	9%	TG-1253	41327-8
208	3000	TG1303	10 ⁹ / ₁₆	TG-1303	41328-6
208	3500	TG1353	12 ⁹ / ₁₆	TG-1353	41329-4
208	4000	TG1403	13 ⁹ / ₁₆	TG-1403	41330-7
208	4500	TG1453	13 ⁹ / ₁₆	TG-1453	41331-5
208	5000	TG2503	9 ¹ / ₁₆	TG-2503	41332-3
208	6000	TG2603	11%	TG-2603	41333-1
480	2000	TG1203	7%	TG-1203	41337-4
480	2500	TG1253	9%	TG-1253	41338-2
480	3000	TG1303	10 ⁹ / ₁₆	TG-1303	41339-0
480	3500	TG1353	12 ⁹ / ₁₆	TG-1353	41340-3
480	4000	TG1403	13 ⁹ / ₁₆	TG-1403	41341-1
480	4500	TG1453	13 ⁹ / ₁₆	TG-1453	41342-0
480	5000	TG2503	9 ¹ / ₁₆	TG-2503	41343-8
480	6000	TG2603	11%	TG-2603	41344-6
480	9000	TG2907BX	12%	TG-2907BX	41345-4

TGA, TGFR, TSFS Accessories

Description	Catalog No.	Product Code No.
Metal-reinforced Gasket	TG17-R	41181-1
Standard Gasket	TG27-T	41218-7
Rubber Gasket	TG8-TA	41182-0
Thermostat Bracket	TG11	41228-2
Bolt	TG19-R	41222-4
Gasket	GTRF	41108-8
Gasket Kit Includes TG17-R, TG8-TA, GTRF, and four TG19-R	TGK	41160-0



TG17-R



TG27-T



TG8-TA



TG11



TG19-R



GTRF

Use with TGA & TSFS when tank has recessed tank flange.

Use with all types when tank flange is twist lock type.

Use with all types.

Use if original bolts are stripped or too short.

Use with TGA and TSFS.

11/18/1950

11

11

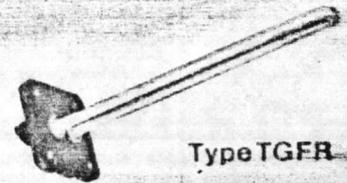
Chromalox

6

water heater elements

Volts	Watts	Catalog No. Stamped on Original OEM Element	Length Inside Tank	Catalog Number	Product Code No.
240	750	TGF 1077	7 ¹¹ / ₁₆ "	TGFR-107	41300-8
240	1000	TGF 1107	7 ¹¹ / ₁₆ "	TGFR-110	41301-6
240	1250	TGF 1127	7 ¹¹ / ₁₆ "	TGFR-112	41302-4
240	1500	TGF 1157	7 ¹¹ / ₁₆ "	TGFR-1157	41303-2
240	2000	TGF 1207	10"	TGFR-1207	41304-0
240	2500	TGF 2257	7"	TGFR-2257	41305-9
240	3000	TGF 2307	8 ¹¹ / ₁₆ "	TGFR-2307	41306-7
240	3500	TGF 2357	9"	TGFR-2357	41307-5
240	4000	TGF 2407	11 ¹¹ / ₁₆ "	TGFR-2407	41308-3
240	4500	TGF 2457	11 ¹¹ / ₁₆ "	TGFR-2457	41309-4
240	5000	TGF 2507	13"	TGFR-2507	41310-4
240	6000	TGF 2607	21 ¹¹ / ₁₆ "	TGFR-2607	41311-2
120	1000	TGF 1107L	7 ¹¹ / ₁₆ "	TGFR-110L	41316-3
120	1250	TGF 1127L	7 ¹¹ / ₁₆ "	TGFR-112L	41317-1
120	1500	TGF 1157L	7 ¹¹ / ₁₆ "	TGFR-1157L	41318-0
120	2000	TGF 1207L	10"	TGFR-1207L	41319-8
120	2500	TGF 2257L	7"	TGFR-2257L	41320-0

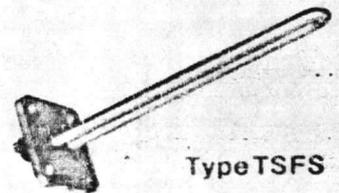
Long life element is copper sheath, heavily tin-electroplated. Ideal for stonelined tanks. The built-in TGF gasket protects the flange from electrolytic action.



Type TGFR

Volts	Watts	Catalog No. Stamped on Original OEM Element	Length Inside Tank	Catalog Number	Product Code No.
240	1000	TSF 1107	7 ⁷ / ₁₆ "	TSFS-1107	41150-4
240	1500	TSF 1157	10"	TSFS-1157	41151-2
240	2000	TSF 1207	13"	TSFS-1207	41152-0
240	2500	TSF 2257	9"	TSFS-2257	41153-9
240	3500	TSF 2357	13"	TSFS-2357	41154-7
240	4500	TSF 2457	13"	TSFS-2457	41155-5

Use TSFS in unusual water conditions such as high sulphur content or to eliminate exceptional rusting. An especially long-life element, the flange has a stainless steel face plate and Incoloy tubing. GTRF gasket is included.



Type TSFS

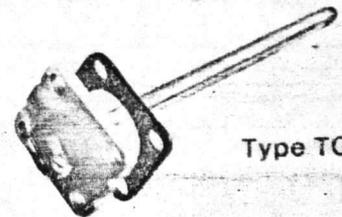
"Water Wizard" Alloy Sheathed Element

Copper sheathed water heater elements can be expected to fail in a short period of time when operating in free air (not covered with water) or when immersed in a heavy deposit of lime or sulphur. The latter condition is not unusual in many parts of the country.

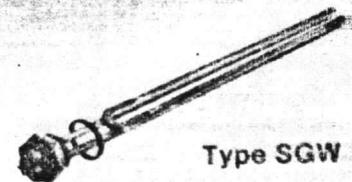
The Chromalox "Water Wizard" is a possible solution to this problem, since the sheath material is a nickel base alloy similar to the Chromalox range surface elements. It can operate indefinitely in free air and is less likely to overheat when immersed in mineral deposits.

Volts	Watts	Length Inside Tank	Catalog Number	Product Code No.
Square Flange				
240	4500	16 ³ / ₄ "	TGW 2457X1	41366-5
240	2000	8 ³¹ / ₃₂ "	TGW 2207	41367-3
Screw Plug				
240	4500	16 ³ / ₄ "	SGW 2457X1	41267-0
240	2000	9 ³ / ₃₂ "	SGW 2207	41365-7

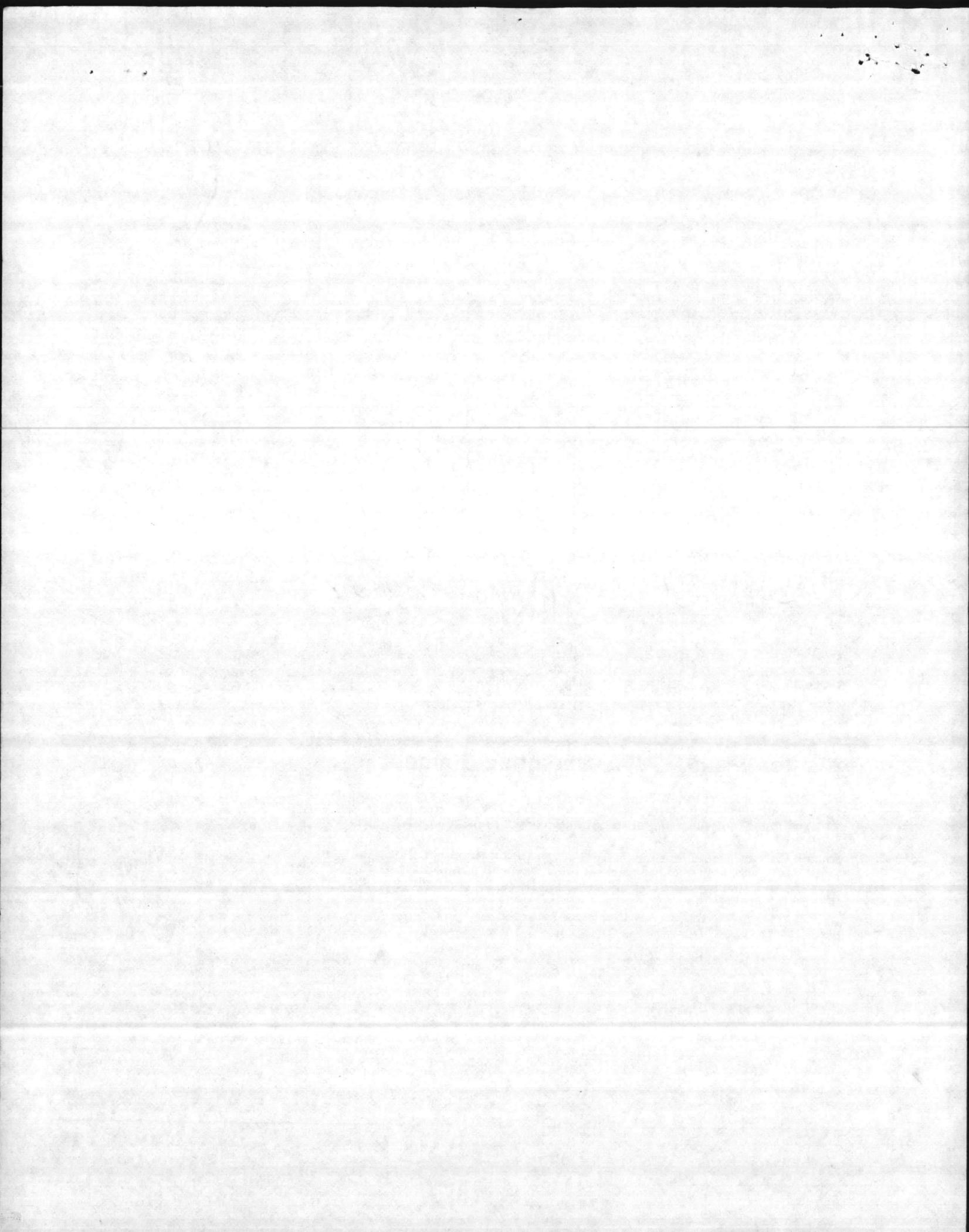
Several water heater manufacturers now use these types of alloy sheathed elements as original equipment. Available replacements are the 2¹/₂" standard square flange (Type TGW) and the type SGW Screw plug elements which may also be used with Adapt-O-Matic Flanges (see page 46) for special mounting applications.



Type TGW



Type SGW



REQUEST FOR ASSIGNMENT/ADOPTION OF FSN

FROM: Commanding General (MLD) Marine Corps Base Camp Lejeune, North Carolina, 28542		TO: Commanding General MCSA (P84) 1100 S. Broad St. Philadelphia, Pa. 19146	
PART I			
1. REQUEST NO.:	2. LOCAL STOCK NO. (if applicable):	3. FSN (if known):	
MLD- 0033-76		4540 4520-00-058-6138	
4. ITEM NAME:		5. EQUIPMENT APPLICATION/USE (if known):	
Heating element		Plumbing and Heating Shop Base Maintenance	
6a. MFR./NON-MFR. NAME(S) & ADDRESS(ES) OR CODE(S):		6b. PART/DRAWING NO.(S):	
a. 65586		b. TGA 2307	
a. _____		b. _____	
a. _____		b. _____	
a. _____		b. _____	
7. UNIT OF ISSUE:	8. UNIT OF MEASURE:	9. UNIT PRICE:	
EA		1.96	
10. ITEM IDENTIFICATION:			
Heating element, electrical, immersion type, used with water heater, flange with 4 bolt holes on 2 1/2 in bolt circle, 3000 watts, 240 volts.			
11. SOURCE OF FSN:			
CMCRL <input checked="" type="checkbox"/>		OTHER <input checked="" type="checkbox"/>	
PTI 7/75		DC SC IL 4510 dtd 8/75 IF OTHER, INDICATE SOURCE AF TML 4510/40 dtd 2/75	
12. ANNUAL EST. USAGE:	13. REQUESTOR'S NAME:	14. CODE/PHONE NO.	15. DATE:
120	V. Butler	21P/ 5163	JAN 6 1976
PART II			
16. FROM: Commanding General MCSA (P84) 1100 S. Broad St. Philadelphia, Pa. 19146		17. TO: Commanding General (MLD) Marine Corps Base Camp Lejeune, North Carolina 28542	
18. ACTION TAKEN:			
<input type="checkbox"/> FSN _____		ASSIGNED BY MCSA	
<input type="checkbox"/> FSN _____		APPLIES	
<input type="checkbox"/> FSN _____		PHRASE CODE _____ TO	
NSN _____			
<input type="checkbox"/> RETURNED FOR FOLLOWING REASON _____			
19. MANAGEMENT DATA:			
SoS	U/I	U/P	MEC
20. ASSIGNOR'S NAME:		21. RELEASED BY:	22. DATE:

1785-9X
11/20

Management Data Response for NSN 4540-00-781-5341
 Item Name: HEATING ELEMENT,ELECTRICAL,IMMER

S/A	SOS	AAC	QUP	UI	Unit	Price	SLC	CIIC	RC	MGMT	CTL	PMI	ADP	DML	ESDC	CC
PC	Phrase	Statement					UI	Conv	Factor				OOU	JTC	HMIC	
DS	S9C	D	Z	EA		8.98 0	U					U		A		N
DA	S9C	D	Z	EA		8.98 0	U	Z	J2200X			U		A		N
DF	S9C	D	1	EA		8.98 0	U	N	SF9	N		U		A		N
DM	S9C	D	Z	EA		8.98 0	U	Z	1 C2			U		A		N
DN	S9C	V	Z	EA		8.98 0	U		9C			U		A		N
V DISCONTINUED W/O REPLACEMENT																

Reference Number Data Response for NSN 4540-00-781-5341
 Item Name: HEATING ELEMENT,ELECTRICAL,IMMER
 Type II: 1 INC: 11327

Part Number	CAGE	ISC	RNVC	RNCC	SADC	DA
TGA2307	65586	C	2	3		
TQA2307	65586	C	2	3		
TTUHC0-30	65586	C	9	5		
256102	65586	C	9	5		

Supplier Data Response for NSN 4540-00-781-5341
 Item Name: HEATING ELEMENT,ELECTRICAL,IMMER

CAGE Code: 65586 Status: A Type: A CA0: S3911A ADP: S3910A

Company Name and Address:
 WIEGAND E L DIV EMERSON ELECTRIC CO
 641 ALPHA DR

PITTSBURGH PA 15238
 UNITED STATES Telephone: 412-967-3800
 FORMERLY EMERSON ELECTRIC CO E L WIEGAND DIV PITTSBURGH PA

RPLM Code: ASSOC Code: 62274 AFFIL Code: D

Size: E Primary Business: J Type of Business: N Woman Owned: N
 SIC Codes:

Characteristics Data for NSN 4540-00-781-5341
 Item Name: HEATING ELEMENT,ELECTRICAL,IMMER

MRC	REQUIREMENT STATEMENT	CLEAR TEXT REPLY
NAME	ITEM NAME	HEATING ELEMENT,ELECTRICAL,IMMER
AAQL	BODY STYLE	39 BOTTOM CLAMPING
AARA	TERMINAL QUANTITY	2
ABGL	WIDTH	3.062 INCHES NOMINAL
ABJA	ELEMENT RADIATION SPECTRUM	NONINFRARED
ABJM	HEAT CONTROL TYPE	THERMAL CUTOUT SWITCH
ABJS	ELEMENT CONNECTION STYLE	4 STUD TYPE
		1

Characteristics Data for NSN 4540-00-781-5341
 Item Name: HEATING ELEMENT,ELECTRICAL,IMMER

MRC	REQUIREMENT STATEMENT	CLEAR TEXT REPLY
ABJT	TERMINAL LENGTH	0.500 INCHES NOMINAL
ABNR	HEAT QUANTITY	1
ABNS	WATT DENSITY RATING	55.0 PER SQUARE INCH SINGLE VOLTAGE
ABNT	CONDUIT OPENING SIZE	0.500 INCHES NOMINAL
ABRY	LENGTH	6.750 INCHES NOMINAL
AZQH	MAXIMUM WATTAGE RATING IN WATTS	3000.0 SINGLE VOLTAGE
BHHK	ELEMENT QUANTITY	1
CQJX	NOMINAL THREAD SIZE	0.190 INCHES STUD
CQRN	THREAD QUANTITY	32.0 PER INCH STUD
CSBH	VOLTAGE IN VOLTS AND CURRENT TYPE	240 200 AC SINGLE VOLTAGE
FAAZ	PHASE	SINGLE SINGLE VOLTAGE
FREQ	FREQUENCY IN HERTZ	60.0
MATT	MATERIAL	COPPER SHEATH
THSD	THREAD SERIES DESIGNATOR	UNF STUD

Item	Description	Quantity	Unit	Price	Total
1	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
2	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
3	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
4	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
5	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
6	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
7	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
8	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
9	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
10	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
11	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
12	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
13	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
14	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
15	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
16	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
17	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
18	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
19	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
20	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
21	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
22	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
23	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
24	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
25	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
26	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
27	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
28	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
29	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
30	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
31	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
32	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
33	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
34	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
35	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
36	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
37	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
38	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
39	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
40	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
41	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
42	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
43	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
44	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
45	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
46	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
47	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
48	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
49	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00
50	HEATING ELEMENT ELECTRICAL IMMERS	1	EA	150.00	150.00

Item Name: HEATING ELEMENT ELECTRICAL IMMERS
 Characteristic Data for Item: 1540-00-731-8541
 Clear Text: CLEAR TEXT
 Requirement Statement: REQUIREMENT STATEMENT
 Item Name: HEATING ELEMENT ELECTRICAL IMMERS
 Characteristic Data for Item: 1540-00-731-8541
 Clear Text: CLEAR TEXT
 Requirement Statement: REQUIREMENT STATEMENT

4540-00-781-5341

3-17-04

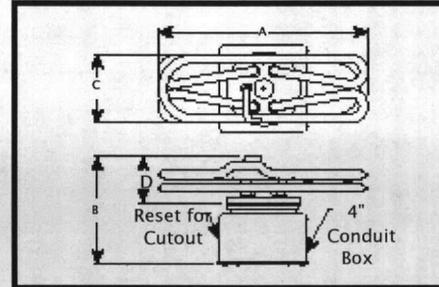
Immersion

TTUH-CO

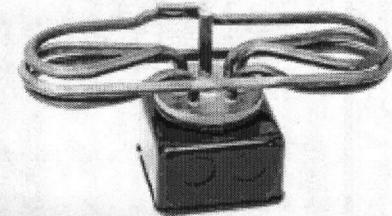
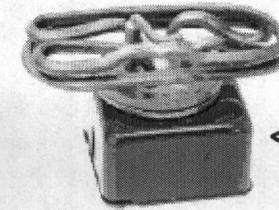
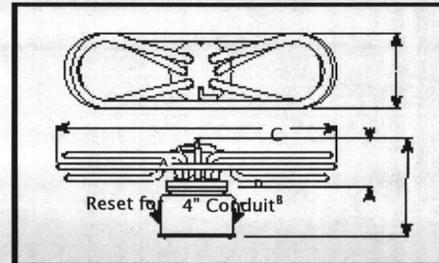
Food Equipment
Water Applications

- Bottom Mounted
- Brass Flange
- Copper Sheath Elements
- 1 - 12 kW
- 120, 208, 240 and 480 Volt,
1 & 3 Phase
- Integral Low Liquid Thermal
Cutout
- High Watt Densities (see Table)

Dimensions (Inches)



Dimensions (Inches)



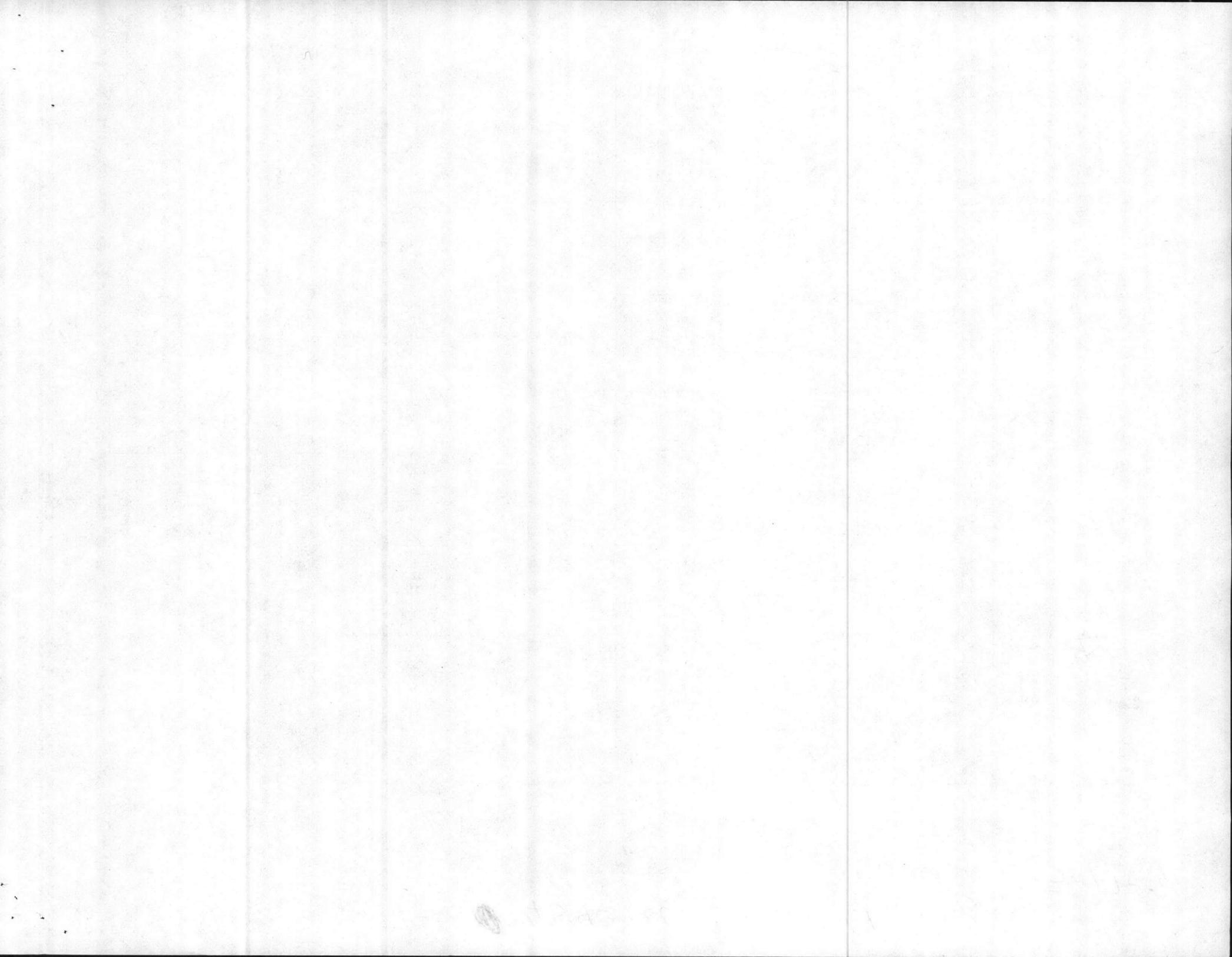
Specifications and Ordering Information

1 Phase w/Cutout — 2-1/2" Min. Liquid Depth											
1	120	42	7-7/16	4-9/16	3-1/16	1-3/8	TTUH-CO-10	NS	186060	3	2
1.5	120	62	7-7/16	4-13/16	3-1/16	2-3/8	TTUH-CO-15	S	186079	3	2
1.5	208	62	7-7/16	4-13/16	3-1/16	2-3/8	TTUH-CO-15	NS	256049	3	2
1.5	240	62	7-7/16	4-13/16	3-1/16	2-3/8	TTUH-CO-15	NS	256057	3	2
2	208	60	9-7/16	4-13/16	3-1/16	2-1/8	TTUH-CO-20	S	256065	3	2
2	240	60	9-7/16	4-13/16	3-1/16	2-1/8	TTUH-CO-20	S	256073	3	2
2.5	208	40	6-3/4	4-13/16	3-1/16	2-1/8	TTUH-CO-25	S	256081	3	2
2.5	240	40	6-3/4	4-13/16	3-1/16	2-1/8	TTUH-CO-25	S	256090	3	2
3	208	55	6-3/4	4-13/16	3-1/16	2-1/8	TTUH-CO-30	S	256102	3	2
3	240	55	6-3/4	4-13/16	3-1/16	2-1/8	TTUH-CO-30	S	256110	3	2
4	208	64	9-1/2	4-13/16	3-1/16	2-1/8	TTUH-CO-40	S	256129	4	2
4	240	64	9-1/2	4-13/16	3-1/16	2-1/8	TTUH-CO-40	S	256137	4	2
5	208	70	12-3/4	5-3/8	4	2-11/16	TTUH-CO-50	S	256145	5	2
5	240	70	12-3/4	5-3/8	4	2-11/16	TTUH-CO-50	S	256153	5	2
6	208	73	14-1/2	5-3/8	4	2-11/16	TTUH-CO-60	S	256161	6	2

Applications

- Coffee Urns
- Steam Tables
- Kettles
- Humidifiers

Note — Models above 25 Amp or 240V single phase, and all 3 phase models require a suitable magnetic contactor to interrupt the heater load, with the cutout connected for pilot duty. See the Controls section for





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Site Search

Your search for "TTUH-CO-30" produced the following results:

Document Results:

Rank Results
50% ttuhco

Immersion. 1 Phase w/Cutout 2-1/2" Min. Liquid Depth. 120. 42. 7-7/16. 4-9/16. 3-1/16 1-3/8. TTUH-CO-10. NS. 186060. 2. 1.5. 62. 4-13/16 3-1/16 2-3/8. TTUH-CO-15. S. 186079. 208. 256049. 240. 256057. 60. 9-7/16. 4-13/16 3-1/16 2-1/8. TTUH-CO-20. 256065. 256073. 2.5. 40. 3 Phase w/Cutout 3" Min. Liquid Depth.

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Part or Model Results:

PART #	PART #	Model / Description	Stock?	Qty / Order Item
256102	019021012	TTUH-CO-30 208V1P 256102	ST	1 Add Item
256110	019021013	TTUH-CO-30 240V1P 256110	ST	1 Add Item
256444	045020002	TTUH-CO-303 208V3P 000000	ST	1 Add Item

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KnowledgeBase Results:

#	Title	Category	Last Updated
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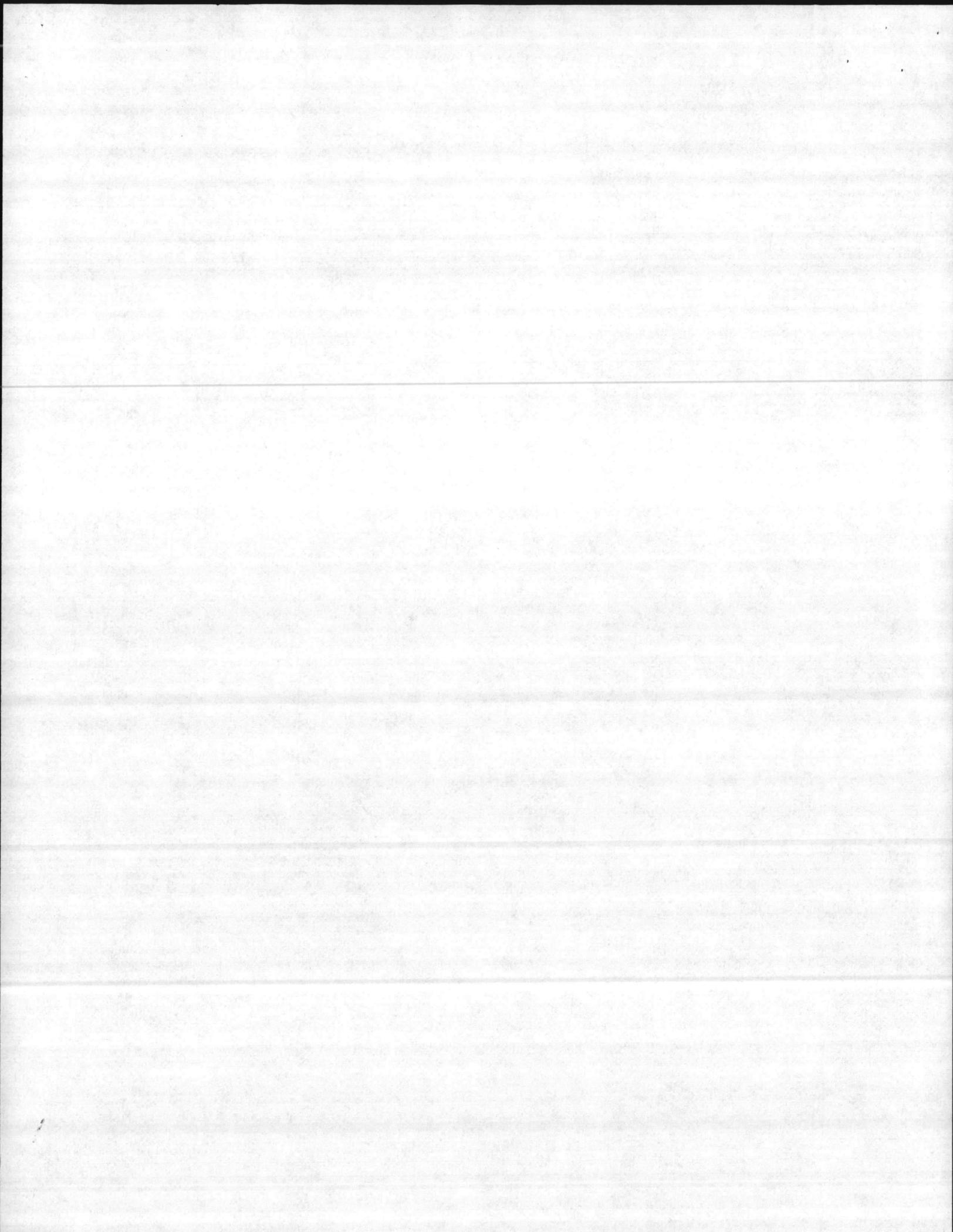


**Uncle Sam's Club at the Lejeune First Choice
SSC**

as of 03/17/2004

for the period between 01/01/2000 and 03/17/2004

Stock Number	Description	Qty	Date	Customer	Control Number	DocNbr/CCN
Transaction						
4540-00-781-5341	HEATING ELEMENT, ELEC, IMMERSION TYPE, F/WA					
Receipt		2	04/08/2003		From GSA	INITIALIZATION
Receipt		6	06/24/2003		From GSA	4722803133A017



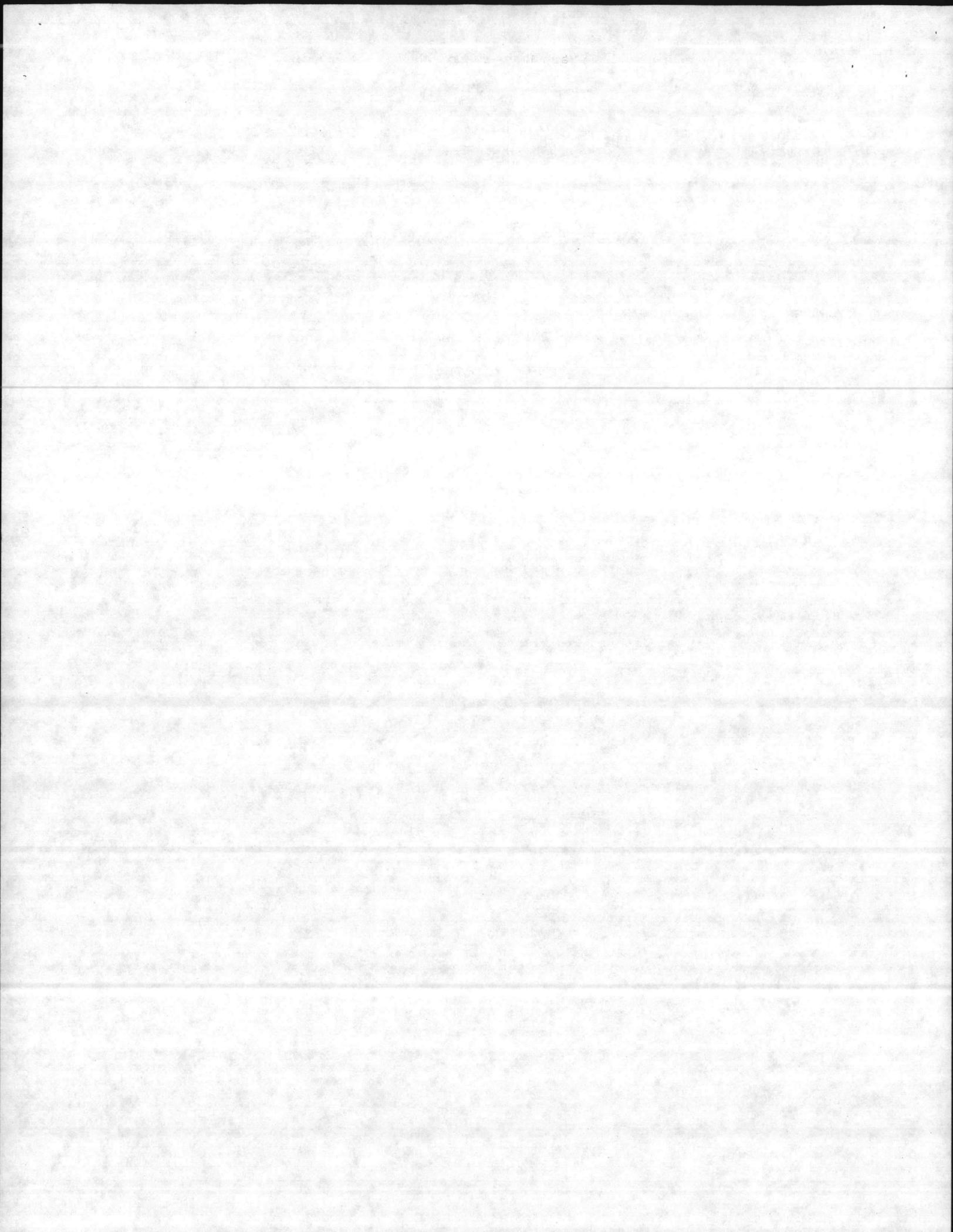
Management Data Response for NSN 4540-00-781-5341

Item Name: HEATING ELEMENT, ELECTRICAL, IMMER

PMI: U ADP: CC: N DML: A DI: ESDC: HMIC: N

ENAC:

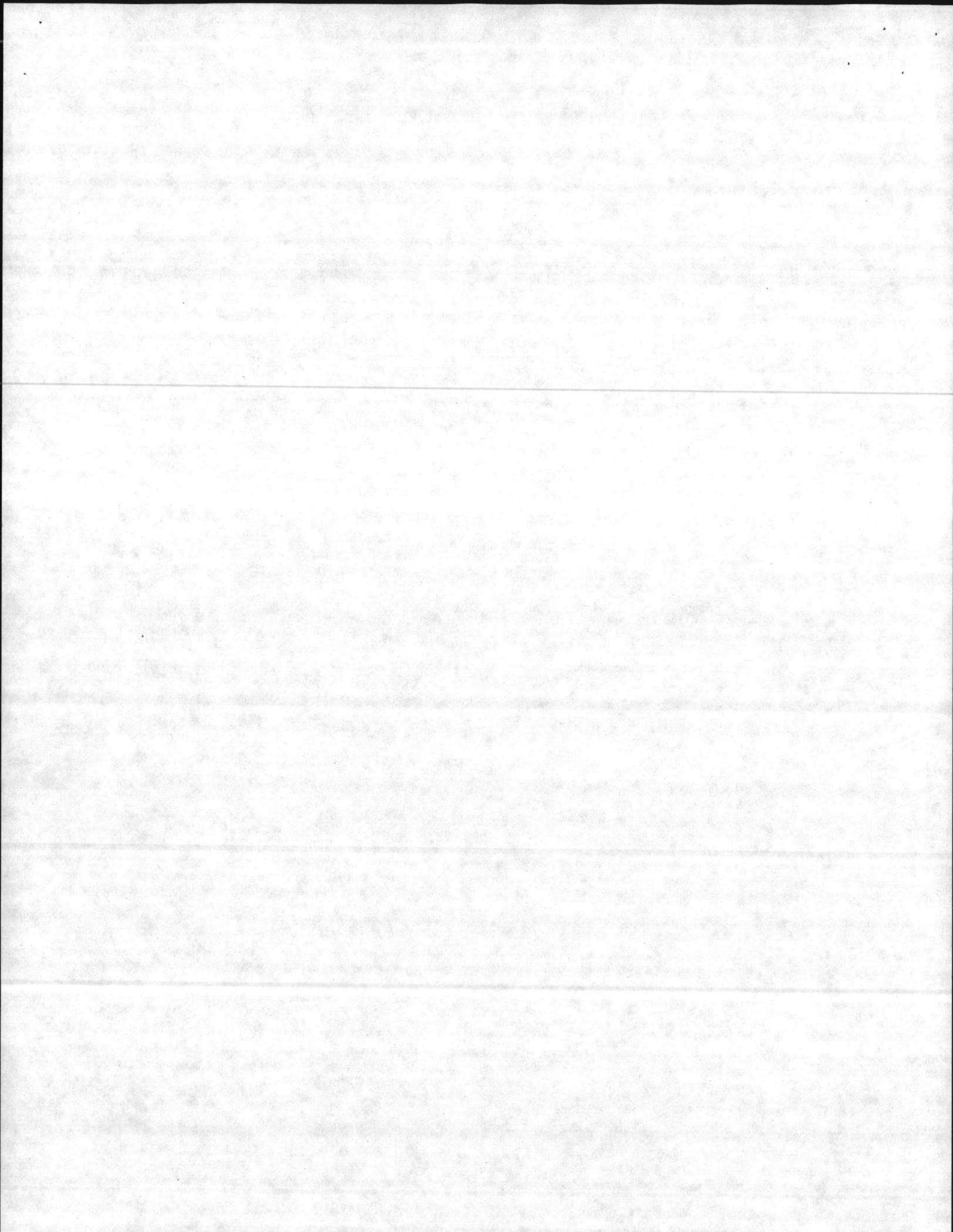
S/A	SOS	AAC	QUP	UI	Unit Price	E/A	MMYY	SLC	CIIC	RC	MGMT	CTL	USC
PC	Phrase	Statement				UI	Conv	Factor	OOU	JTC			
DS	S9I	J	Z	EA	517.64	A	0603	0	U		-----		I
DA	S9I	J	Z	EA	517.64			0	U	Z	J2200X-		A
DF	S9I	J	1	EA	517.64			0	U	N	SF9---N		F
DM	S9I	J	Z	EA	517.64			0	U	Z	12I2---		M
DN	S9I	V	Z	EA	517.64			0	U		9Z-----		N
V DISCONTINUED W/O REPLACEMENT													



Part Number Pick List

Part Number
TTUHC0-30
TTUHC030

CAGE Item Name
65586 HEATING ELEMENT,ELECTRICAL,IMMER
65586 HEATING ELEMENT,ELECTRICAL,IMMER

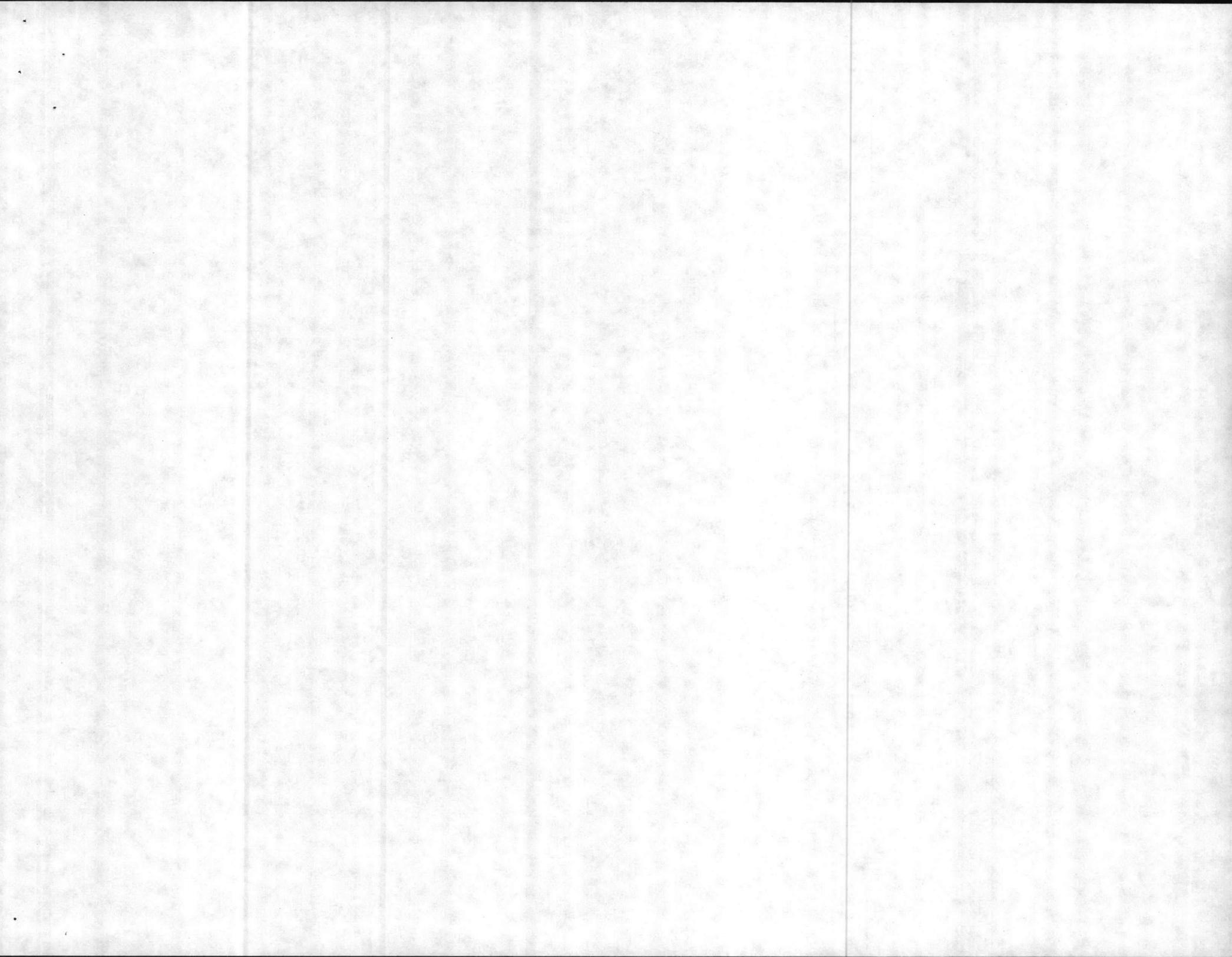


Reference Number Data Response for NSN 4540-00-781-5341

Item Name: HEATING ELEMENT, ELECTRICAL, IMMER

TYPE II: 1 INC: 11327 HCC:

Part Number	CAGE	SC	I		D		SADC
			S	RN	RN	A	
TGA2307	65586	A	C	3	2	5	AX
TQA2307	65586	A	C	3	2	6	AX
TTUHC0-30	65586	A	C	5	9	5	AX
256102	65586	A	C	5	9	5	AX

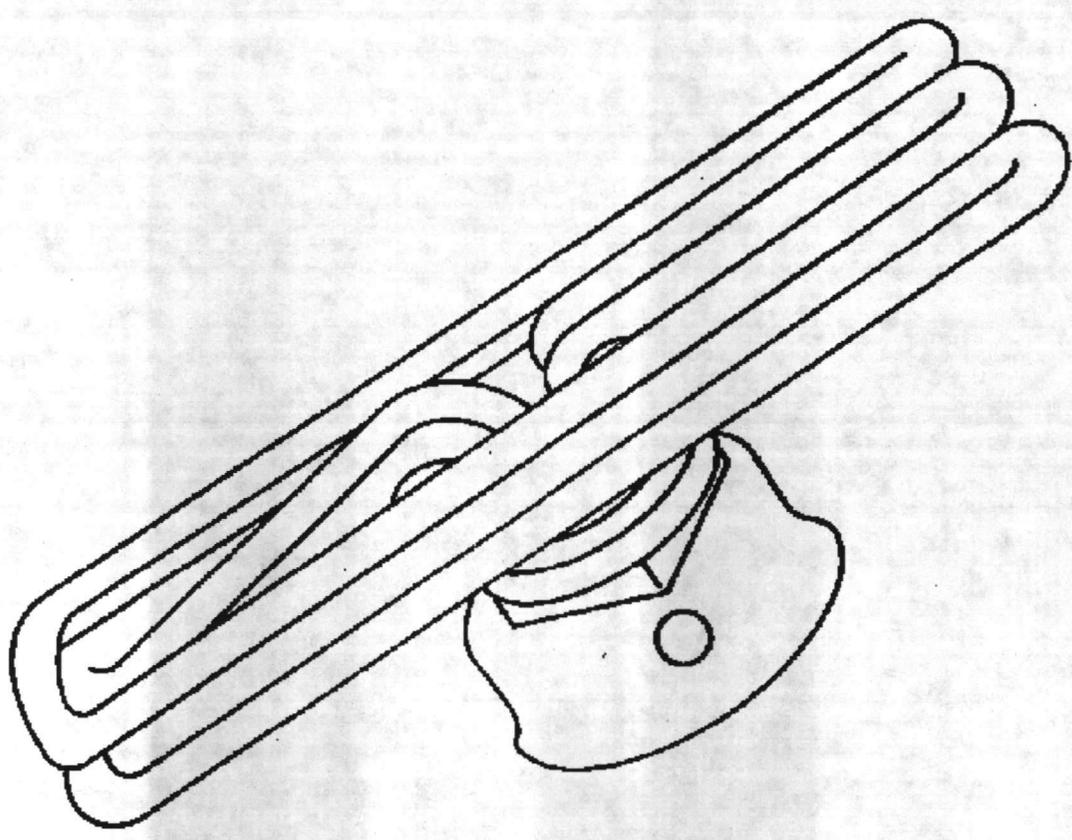


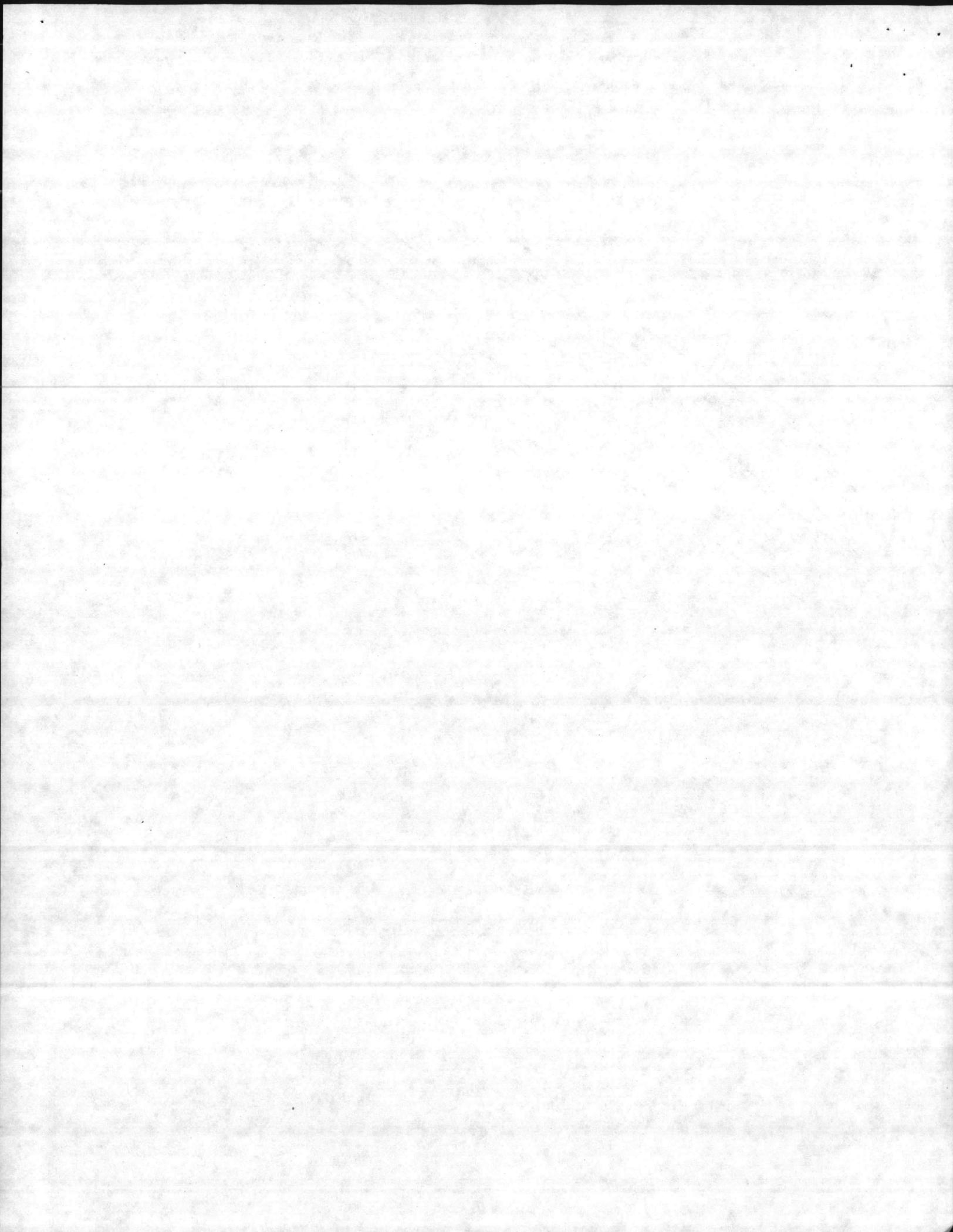
Today's Date: 06 Feb 04

Effective Date: 1 Jan 2004

Item Name: HEATING ELEMENT, ELECTRICAL, IMMER

Marine Corps





Uncle Sam's Club at the Lejeune First Choice SSC Inventory Item Report

Stock Number: 4540-00-781-5341

Category:

Description: HEATING ELEMENT, ELEC, IMMERSION TYPE, F/WA

Unit Issue: EA Quantity On Hand: 8 Unit Price: 21.99

Management Code: E - Active Inventory Source Code: D - DLA Item

Storage Locations: 650540AA

0707AB

0540 BB no

0707AA

0540BC - no

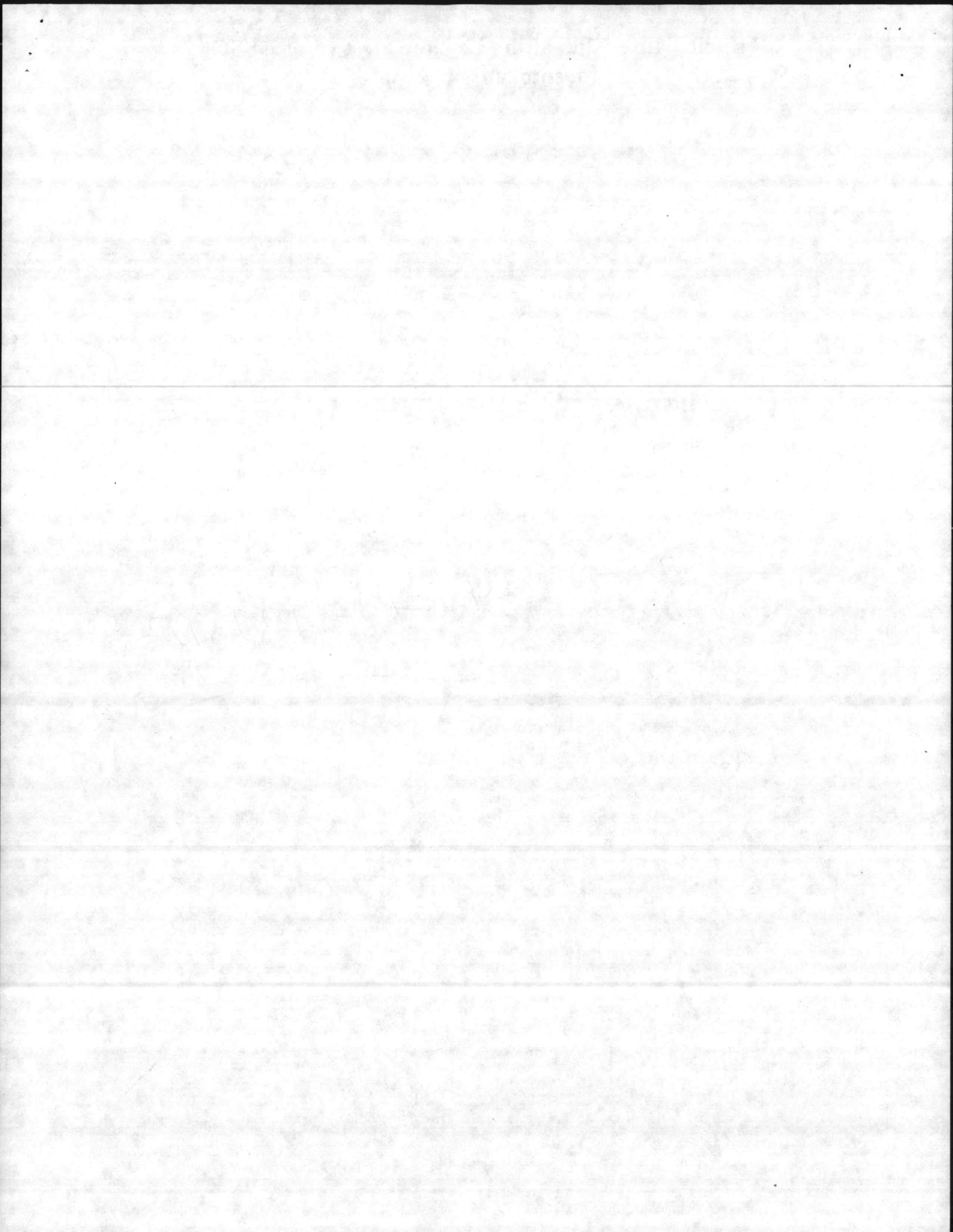
0540 BA

0540 AC

40BA

4540011275102

454001C007945



PURCHASE DESCRIPTION WORKSHEET

MCBCL 4225/2

type file

SPECIFICATIONS

STOCK NO.

4540 01C002945

Heating element, electrical, immersion type, used with water heater, tubular screw plug type, 1 3/4 in lg inside hot water tank, with round gasket.

4500 watts, 240 volts, low watt density

to be Chromalox PN AH2945 to

replace OEM SG2457; see attached *ltr 8/24/90*
MP

or
Thermalink PN Q-245-KX

Chromalox

mfg. E. L. Wiegand Div.
Emerson Electric
7500 Thomas Blvd
Pittsburgh Pa 15208.

*17th 59 also
OK PH 4524 SIK
1mk Cumea*

Thermalink

Electro-Therm Inc
14707 Baltimore Ave
Laurel MD 20810
Formerly Thermalink.

U/I

EA

U/P

7.30

NEW ITEM
 DESCRIPTION CHANGE

SHOP STORES
 SELF SERVICE CENTER

DATE

12/19/89

INITIALS

VGB

65586 Chromolox
Edwin Wegard
85928 Electu Therm
Thermalent.

NEW ITEM/DELETE NOTICE

MCBCL 4400 (REV 2-80)

Section 1

FROM: Work Management Section (Shop 31)

DATE: 10 Dec 1981

TO: Officer in Charge, DSSC Division
(Attn: Systems Management and Development Branch)

1. NSN/MFR PART NR <i>4540 01 C00 7945</i> D-245-UX		2. REFERENCE PUBLICATION Craven		3. MFR MAKE AND MODEL OR EQUIP NR Thermalink		
4. UNIT PRICE \$7.30	5. UNIT OF ISSUE EA	6. 30 DAY USAGE 3	7. DATE REQUIRED ASAP	8. ISSUE PT REQUIRED 65		

9. DESCRIPTION Thermalink screw in hot water heater element P/N D245-UX 240V 4500 Watts

Chromalox AH 2745

OEM SG-2452

SIGNATURE: *Richard E. Brown*
Richard E. Brown
Maint. Scheduler

Section II

DATE: 12/16
CONTROL NO: 1055

FROM: Officer in Charge, Systems Management and Development Branch

TO: _____

APPROVED DISAPPROVED CATALOG DELETE RESEARCH

REMARKS:

SIGNATURE: _____

Section III

DATE: _____

FROM: Officer in Charge, Support Division, Technical and Research Branch

TO: Officer in Charge, DSSC Division
(Attn: Systems Management and Development Branch)

U/I <i>EA</i>	U/P <i>7.30</i>	MEC <i>35</i>	SAC <i>1</i>	SSRIC <i>—</i>	DEMIL <i>A.</i>
------------------	--------------------	------------------	-----------------	-------------------	--------------------

REMARKS:

Cataloged Batch 6146 29 Dec 81
E04 1363 Chromalox AH 2745 Element, water heater

RESEARCHED BY

V. Butler
TFR 28 Dec 81

SIGNATURE: _____

T & R BRANCH

SYMB
TECHNICAL
DEC 15 1981

RECEIVED

DEC 21 9 02 AM '81

TECHNICAL & RESEARCH
BASE MATERIAL BATTALION
CAMP LEJEUNE, N.C.

one
in

Handwritten notes, possibly "10/21/81"

Handwritten notes, possibly "10/21/81"

Handwritten notes, possibly "10/21/81"

RECEIVED BY

Handwritten notes, possibly "10/21/81"

Handwritten notes, possibly "10/21/81"

NEW ITEM/DELETE NOTICE

MCBCL 4400 (REV 2-80)

Section 1

FROM: Work Management Section (Shop 31)

DATE: 10 Dec 1981

TO: Officer in Charge, DSSC Division
(Attn: Systems Management and Development Branch)

1. NSN/MFR PART NR <i>4540010007945</i> D-245-UX		2. REFERENCE PUBLICATION Craven		3. MFR MAKE AND MODEL OR EQUIP NR Thermalink	
4. UNIT PRICE \$7.30	5. UNIT OF ISSUE EA	6. 30 DAY USAGE 3	7. DATE REQUIRED ASAP	8. ISSUE PT REQUIRED 65	

9. DESCRIPTION Thermalink screw in hot water heater element P/N D245-UX 240V 4500 Watts

Chromolox AH 2745
OEM SG-2457

SIGNATURE: *Richard E. Brown*
Richard E. Brown
Maint. Scheduler

11 3/4 in lg inside tank
per van Bender
paradise Point

Section II

DATE: 12/16
1055

CONTROL NO: _____

FROM: Officer in Charge, Systems Management and Development Branch

TO: _____

APPROVED DISAPPROVED CATALOG DELETE RESEARCH

REMARKS:

SIGNATURE: _____

Section III

DATE: _____

FROM: Officer in Charge, Support Division, Technical and Research Branch

TO: Officer in Charge, DSSC Division

(Attn: Systems Management and Development Branch)

U/I <i>EA</i>	U/P <i>7.30</i>	MEC <i>35</i>	SAC <i>1</i>	SSRIC <i>-</i>	DEMIL <i>A.</i>
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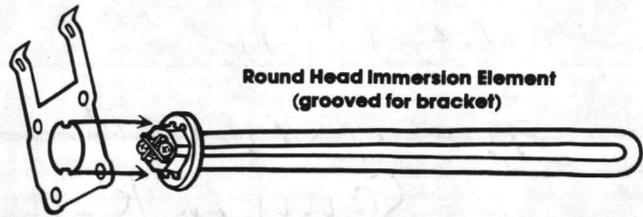
REMARKS:

Batch 6146
24 Dec 81
Chromolox AH 2745 Element, water heater
E04 1363

VB Butler
TAR 26 Dec 81

SIGNATURE: _____

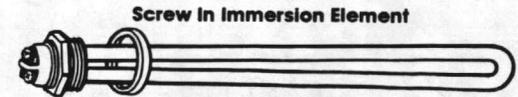
DEC 16 1981
RESEARCH
TECHNICAL
SUPPORT DIVISION
SEC 100



**Round Head Immersion Element
(grooved for bracket)**



Universal Flange



Screw In Immersion Element



Flat Flange

1 ML 452451K
Camco
OK

Installation Procedure

1. Select an element of the same style as the defective unit. Be sure wattage & voltage are also the same. This information may be found on the flange or terminal block of the old element.
2. Disconnect electric service to water heater by pulling service switch.
3. Disconnect electric wires from defective heating element.
4. Drain the water in the tank to below the level of the element opening.
5. Clean flange face on tank. If you are replacing the bottom element, remove the accumulated sediment near the bottom of tank.
6. Be sure voltage and wattage are correct.
7. Place element, with gasket in position, into water heater. Be sure that the element is installed so that prongs are in a vertical position. The flange will be marked either "Top" or "UP." Be sure that the element is installed so that the end of the flange that is stamped "TOP" is at the top, or that one of the "UP" arrows is pointing up.
8. Mount element assembly in place by using bolts. Bring bolts to finger tight position before applying full torque for final tightening. DO NOT APPLY FULL TORQUE ON JUST ONE BOLT. This may cause distortion of flange and may result in leaks.
9. Fill the tank with water. Check for leaks around flange.
10. Be sure all air is purged from the tank by opening hot water faucet until water flows smoothly.
11. Connect electric lines to heater element.
12. Replace insulation around and over elements and replace the plate.
13. Turn on electric service switch.

CAUTION: Do Not Turn On Electricity Unless Elements Are Completely Immersed In Water. Doing So Will Void The Warranty.

PROBLEMS AND ANSWERS

PROBLEM: HUMMING	
Element installed with prongs in horizontal position	Install with prongs in vertical position. See #7
Excessive coating of lime scale	Clean element periodically.
PROBLEM: LEAKING	
Worn out gasket	Replace with new gasket.
PROBLEM: BURN OUT	
Element not immersed in water while in operation	Always operate while completely immersed. Must be replaced.
Open circuit due to electrical storm	No solution - must replace element.

GUARANTEE: All Camco Elements are guaranteed against defects in workmanship and materials.

CAMCO MANUFACTURING, INC. GREENSBORO, NORTH CAROLINA

1M4524S1K.

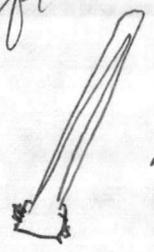
~~#~~ 450W watt 240V
Screw in Kit.

alternating 3500W
208V

R78 4624

4500W 240V
82 47

Hexagon
with
ground 1 1/4 in flange.
rod flattened over.



2 screw
camera

CONTINUATION SHEET

3T

M67001-84-M-8510

OFFEROR OR CONTRACTOR

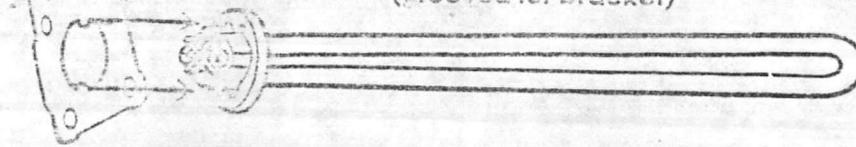
ONSLOW WHOLESALE PLUMBING & ELECTRIC SUPPLY

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	M67001-408903244/MMLV65 4540-01-C00-7945 HEATING ELEMENT, ELECTRICAL, IMMERSION TYPE, USED/WATER HEATER, TUBULAR SCREW PLUG TYPE, 11-3/4" LG INSIDE HOT WATER TANK, WITH ROUND GASKET. 4500 WATTS, 240 VOLTS, LOW WATT DENSITY. CAMCO #02580	11	EA	6.40	70.40
0002	M67001-4074-3128/MMLV65 4540-00-781-5341 HEATING ELEMENT FOR USE WITH WATER HEATER, ELECTRICAL, IMMERSION TYPE, 240V/3000 W, 2-1/2" SQ. FLANGE-4 BOLT HOLES IN CORNERS, INDUSE SQ. FL. GASKET. DO NOT SUB ON VOLTS & WATTS. CHROMOLOX #F230	27	EA	4.75	128.25
0003	M67001-4097-3563/MMLV65 4730-00-C00-1490 ELBOW, PIPE, 45 DEG. 1 IN. NPT/F, STRAIGHT, C.I. OR M. I. BLACK, 250 PSI STEAM, EXTRA HEAVY.	36	EA	3.75	135.00
0004	M67001-4095-0191/MMLV75 4730-00-246-5460 TEE, PIPE, 1-1/2 X 1-1/2 X 1" NPT/F, REDUCING CAST IRON, BLACK, 125 PSI STEAM, STANDARD WEIGHT.	6	EA	2.85	17.10
0005	M67001-4097-0177/MMLV75 4730-01-016-2533 SPUD, WATER CLOSET, 1 X 3/4" NPT, REDUCING, BRASS, W/GASKET AND FRICTION RING. JONES MFGR. #T-20	16	EA	2.95	47.20
0006	M67001-4095-0192/MMLV75 4730-00-C00-4275 TEE, PIPE, 1-1/4 X 1-1/4 X 3/4" NPT/F, REDUCING C.I. OR M.I., BLACK 250 PSI STEAM, EXTRA HEAVY.	8	EA	2.68	21.44
0007	M67001-4095-0197/MMLV75 4730-00-C00-1311 TRAP, STEAM, INVERTED BUCKET TYPE, CAST IRON CAP AND BODY. STAINLESS STEEL WORKING PARTS, WITH TOP SIDE INLET AND OUTLET, SIZE 3/4" NPT/F, SET AND STAMPED AT 50 PSI. ARMSTRONG MACHINE WORKS P/N: 800	8	EA	47.50	380.00

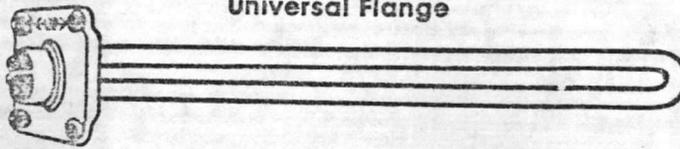
check has

Not on spec copy great info sub

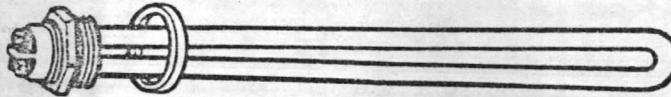
Round Head Immersion Element
(grooved for bracket)



Universal Flange



Screw In Immersion Element



Flat Flange



Installation Procedure

1. Select an element of the same style as the defective unit. Be sure wattage & voltage are also the same. This information may be found on the flange or terminal block of the old element.
2. Disconnect electric service to water heater by pulling service switch.
3. Disconnect electric wires from defective heating element.
4. Drain the water in the tank to below the level of the element opening.
5. Clean flange face on tank. If you are replacing the bottom element, remove the accumulated sediment near the bottom of tank.
6. Be sure voltage and wattage are correct.
7. Place element, with gasket in position, into water heater. Be sure that the element is installed so that prongs are in a vertical position. The flange will be marked either "Top" or "UP." Be sure that the element is installed so that the end of the flange that is stamped "TOP" is at the top, or that one of the "UP" arrows is pointing up.
8. Mount element assembly in place by using bolts. Bring bolts to finger tight position before applying full torque for final tightening. **DO NOT APPLY FULL TORQUE ON JUST ONE BOLT.** This may cause distortion of flange and may result in leaks.
9. Fill the tank with water. Check for leaks around flange.
10. Be sure all air is purged from the tank by opening hot water faucet until water flows smoothly.
11. Connect electric wires to heater element.
12. Replace insulation around and over elements and replace the plate.
13. Turn on electric service switch.

CAUTION: Do Not Turn On Electricity Unless Elements Are Completely Immersed In Water. Doing So Will Void The Warranty.

PROBLEMS AND ANSWERS

PROBLEM: HUMMING

Element installed with prongs in horizontal position	Install with prongs in vertical position. See #7.
Excessive coating of lime scale	Clean element periodically.

PROBLEM: LEAKING

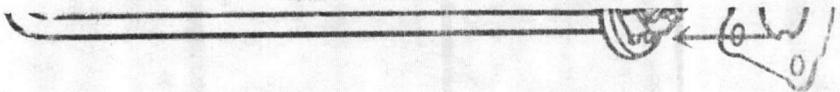
Element not properly gasketed	Replace with new gasket.
Element not immersed in water until air is purged	Always operate while completely immersed. Must be replaced.

CAMCO
MANUFACTURING, INCORPORATED

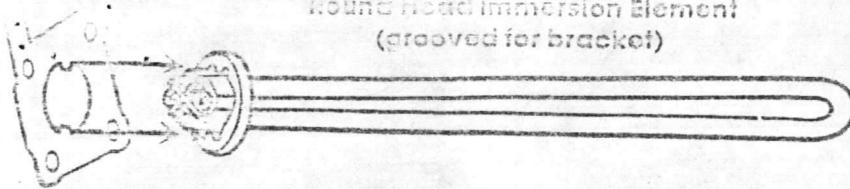
**WATER HEATER
IMMERSION ELEMENTS**

Camco brings the most popular 4 styles of heater elements in this easy pre-packaged kit. All you need for replacement or burned out unit included.

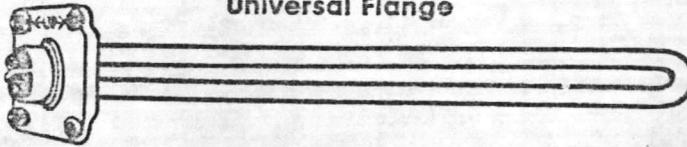
STOCK# 02580
NO. IML452SIK
4500 WATT 240 VOLT
SCREW IN KIT



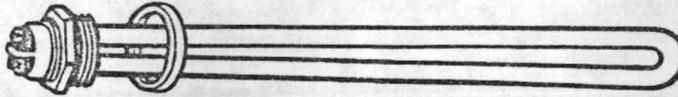
Round Head Immersion Element
(grooved for bracket)



Universal Flange



Screw In Immersion Element



Flat Flange



This one

Installation Procedure

1. Select an element of the same style as the defective unit. Be sure wattage & voltage are also the same. This information may be found on the flange or terminal block of the old element.
2. Disconnect electric service to water heater by pulling service switch.
3. Disconnect electric wires from defective heating element.
4. Drain the water in the tank to below the level of the element opening.
5. Clean flange face on tank. If you are replacing the bottom element, remove the accumulated sediment near the bottom of tank.
6. Be sure voltage and wattage are correct.
7. Place element, with gasket in position, into water heater. Be sure that the element is installed so that prongs are in a vertical position. The flange will be marked either "Top" or "UP." Be sure that the element is installed so that the end of the flange that is stamped "TOP" is at the top, or that one of the "UP" arrows is pointing up.
8. Mount element assembly in place by using bolts. Bring bolts to finger tight position before applying full torque for final tightening. DO NOT APPLY FULL TORQUE ON JUST ONE BOLT. This may cause distortion of flange and may result in leaks.
9. Fill the tank with water. Check for leaks around flange.
10. Be sure all air is purged from the tank by opening hot water faucet until water flows smoothly.
11. Connect electric lines to heater element.
12. Replace insulation around and over elements and replace the plate.
13. Turn on electric service switch.

CAUTION: Do Not Turn On Electricity Unless Elements Are Completely Immersed In Water. Doing So Will Void The Warranty.

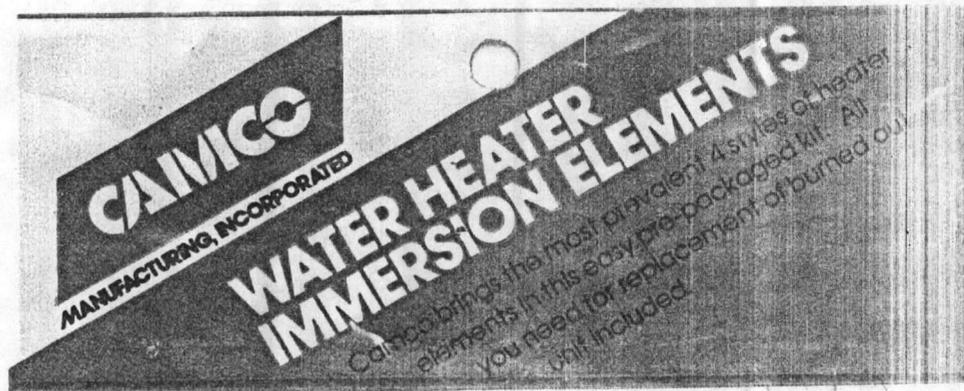
PROBLEMS AND ANSWERS

PROBLEM: HUMMING

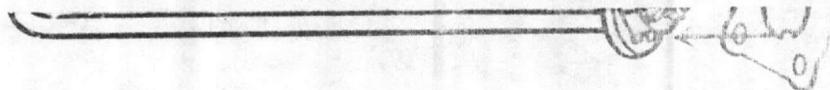
Element installed with prongs in horizontal position	Install with prongs in vertical position. See #7.
Excessive coating of lime scale	Clean element periodically.

PROBLEM: LEAKING

Flange gasket	Replace with new gasket.
Element not immersed in water while in operation	Always operate while completely immersed. Do not operate dry.



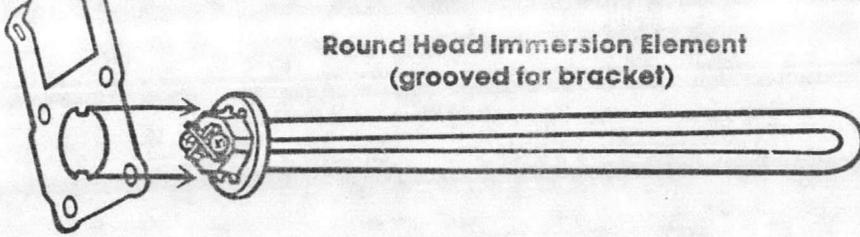
STOCK# 02580
NO. IML452SIK
4500 WATT 240 VOLT
SCREW IN KIT



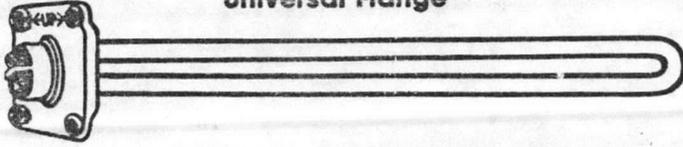


STOCK# 02580
NO. IML452SIK
4500 WATT 240 VOLT
SCREW IN KIT

**Round Head Immersion Element
(grooved for bracket)**



Universal Flange



Screw In Immersion Element



*P/N SG 2457
85.95*

Flat Flange



P/N FTG 2457

87.03

*per Steve @
D + L
5/8/00
see attached*

Installation Procedure

1. Select an element of the same style as the defective unit. Be sure wattage & voltage are also the same. This information may be found on the flange or terminal block of the old element.
2. Disconnect electric service to water heater by pulling service switch.
3. Disconnect electric wires from defective heating element.
4. Drain the water in the tank to below the level of the element opening.
5. Clean flange face on tank. If you are replacing the bottom element, remove the accumulated sediment near the bottom of tank.
6. Be sure voltage and wattage are correct.
7. Place element, with gasket in position, into water heater. Be sure that the element is installed so that prongs are in a vertical position. The flange will be marked either "Top" or "UP." Be sure that the element is installed so that the end of the flange that is stamped "TOP" is at the top, or that one of the "UP" arrows is pointing up.
8. Mount element assembly in place by using bolts. Bring bolts to finger tight position before applying full torque for final tightening. DO NOT APPLY FULL TORQUE ON JUST ONE BOLT. This may cause distortion of flange and may result in leaks.
9. Fill the tank with water. Check for leaks around flange.
10. Be sure all air is purged from the tank by opening hot water faucet until water flows smoothly.
11. Connect electric lines to heater element.
12. Replace insulation around and over elements and replace the plate.
13. Turn on electric service switch.

CAUTION: Do Not Turn On Electricity Unless Elements Are Completely Immersed In Water. Doing So Will Void The Warranty.

PROBLEMS AND ANSWERS

PROBLEM: HUMMING

Element installed with prongs in horizontal position	Install with prongs in vertical position. See #7.
Excessive coating of lime scale	Clean element periodically.

PROBLEM: LEAKING

Worn out gasket	Replace with new gasket.
-----------------	--------------------------

PROBLEM: BURN OUT

Element not immersed in water while in operation	Always operate while completely immersed. Must be replaced.
Open circuit due to electrical storm	No solution - must replace element.

GUARANTEE: All Camco Elements are guaranteed against defects in workmanship and materials.

FINANCIAL BRANCH (BPA SECTION)
Direct Support Stock Control
Assistant Chief of Staff, Logistics
Camp Lejeune, North Carolina 28542-5000

4200
17 Aug 90

From: Financial Branch, BPA Section
To: Tech & Research Branch

Subj: CHANGE IN TECH DATA; FORWARDING OF

1. The following information is forwarded for possible change(s) as a result of a recent buy for LSN/NSN 4540-01-C00-7945.

a. Wiegand E.L. Div part number to read SG2457 ILO AH2745.

2. The above information was received from Steve Padgett of D & L Appliance.

Julie Batchelor
Julie Batchelor

09-99-1527
D&L
1-800-442-0334

FINANCIAL BRANCH (BPA SECTION)
Direct Support Stock Control
Assistant Chief of Staff, Logistics
Camp Lejeune, North Carolina 28542-5000

4200
17 Aug 90

From: Financial Branch, BPA Section
To: Tech & Research Branch
Subject: CHANGE IN TECH DATA: FORWARDING OF

1. The following information is provided for possible changes as a result of a recent buy for (NSN) 4240-01-000-7345.
a. Wiegand E.L. Div part number to keep 88247, ILO 642745.
2. The above information was received from Steve Tabbert of U.S. Air Force.

Julie Eastman

FINANCIAL BRANCH (BPA SECTION)
Direct Support Stock Control
Assistant Chief of Staff, Logistics
Camp Lejeune, North Carolina 28542-5000

4200
17 Aug 90

From: Financial Branch, BPA Section
To: Tech & Research Branch

Subj: CHANGE IN TECH DATA; FORWARDING OF

1. The following information is forwarded for possible change(s) as a result of a recent buy for LSN/NSN 4540-01-C00-7945.

a. Wiegand E.L. Div part number to read SG2457 ILO AH2745.

2. The above information was received from Steve Padgett of D & L Appliance.

Julie Batchelor

Julie Batchelor

FINANCIAL BRANCH (BPA SECTION)
Direct Support Stock Control
Assistant Chief of Staff, Logistics
Camp Lejeune, North Carolina 28542-5000

4200
17 Aug 90

From: Financial Branch, BPA Section
To: Tech & Research Branch

Subject: CHANGE IN TECH DATA: FORWARDING OF

1. The following information is forwarded for possible change(s) as a result of a recent buy for USNNSN 4540-01-000-7342.

a. Wescod E... Div part number to read 88247 110 AH245.

2. The above information was received from BPA Support of D & L Appliance.

Julie Patterson

Management Data Response for NSN 4540-01-264-9390
Item Name: HEATING ELEMENT,ELECTRICAL,IMMER

S/A	SOS	AAC	QUP	UI	Unit	Price	SLC	CIIC	RC	MGMT	CTL	PMI	ADP	DML	ESDC	CC
PC Phrase Statement																
UI Conv Factor																
00U JTC HNIC																
DS	S9C	D	Z	EA		6.74	0	U			A		A			N
DA	S9C	D	Z	EA		6.74	0	U	Z	J2200X	A		A			N
DF	S9C	D	1	EA		6.74	0	U	N	SF9	N	A	A			N
DM	S9C	D	Z	EA		6.74	0	U	Z	1 C2	A		A			N
DN	S9C	D	Z	EA		6.74	0	U		9C	A		A			N

Reference Number Data Response for NSN 4540-01-264-9390
Item Name: HEATING ELEMENT,ELECTRICAL,IMMER
Type II: 4 INC: 11327

Part Number	CAGE	ISC	RNVC	RNCC	SADC	DA
AH-2745	65586	5	2	3		
2E303	2E374	5	2	5		
2E303	25795	5	9	5		
2E482	2E374	5	1	C	AFND	
25878	70334	5	1	C	AFN	
41529-0	65586	5	2	5		

Supplier Data Response for NSN 4540-01-264-9390

Item Name: HEATING ELEMENT,ELECTRICAL,IMMER
CAGE Code: 65586 Status: A Type: A CAO: S3911A ADP: S3910A

Company Name and Address:
WIEGAND E L DIV EMERSON ELECTRIC CO
641 ALPHA DR
PITTSBURGH PA 15238
UNITED STATES Telephone: 412-967-3800
FORMERLY EMERSON ELECTRIC CO E L WIEGAND DIV PITTSBURGH PA

RPLM Code: ASSOC Code: 62274 AFFIL Code: D
Size: E Primary Business: J Type of Business: N Woman Owned: N
SIC Codes:

1

Supplier Data Response for NSN 4540-01-264-9390

Item Name: HEATING ELEMENT,ELECTRICAL,IMMER
CAGE Code: 2E374 Status: A Type: F CAO: S0507A ADP: SC1002

Company Name and Address:
GRAINGER DIV OF W W GRAINGER INC
7801 CAPWELL DR
OAKLAND CA 94621-2103
UNITED STATES Telephone: 415-638-1100

RPLM Code: ASSOC Code: 25795 AFFIL Code: A
Size: A Primary Business: K Type of Business: N Woman Owned: N
SIC Codes:

CAGE Code: 25795 Status: A Type: A CAO: S1403A ADP: SC1002

Company Name and Address:
GRAINGER W W INC
333 KNIGHTSBRIDGE PKY K206
LINCOLNSHIRE IL 60069
UNITED STATES Telephone: 708-913-8333
FORMERLY IN CHICAGO IL

RPLM Code: ASSOC Code: 25795 AFFIL Code: N
Size: E Primary Business: K Type of Business: N Woman Owned: N
SIC Codes:

CAGE Code: 70334 Status: A Type: A CAO: S1403A ADP: SC1002

Company Name and Address:
ALTER HARRY CO THE DIV OF T E C
17725 VOLBRECHT
LANSING IL 60438-1555
UNITED STATES Telephone: 708-418-3062
FORMERLY IN ELMHURST IL

RPLM Code: ASSOC Code: 70334 AFFIL Code: N
Size: A Primary Business: J Type of Business: N Woman Owned: N
SIC Codes:

Characteristics Data for NSN 4540-01-264-9390

Item Name: HEATING ELEMENT,ELECTRICAL,IMMER

MRC	REQUIREMENT STATEMENT	CLEAR TEXT REPLY
NAME	ITEM NAME	HEATING ELEMENT,ELECTRICAL,IMMER
AAQL	BODY STYLE	31 TUBULAR, SCREW TYPE
ABHP	OVERALL LENGTH	ANY ACCEPTABLE
ABJA	ELEMENT RADIATION SPECTRUM	NONINFRARED
ABNR	HEAT QUANTITY	1

Characteristics Data for NSN 4540-01-264-9390

Item Name: HEATING ELEMENT,ELECTRICAL,IMMER

MRC	REQUIREMENT STATEMENT	CLEAR TEXT REPLY
ABNS	WATT DENSITY RATING	NOT RATED SINGLE VOLTAGE
ABRY	LENGTH	11.750 INCHES NOMINAL
AZQH	MAXIMUM WATTAGE RATING IN WATTS	4500.0 SINGLE VOLTAGE
BHJK	ELEMENT QUANTITY	1
COJX	NOMINAL THREAD SIZE	1.000 INCHES SCREW
CORN	THREAD QUANTITY	11.500 PER INCH SCREW
CSBH	VOLTAGE IN VOLTS AND CURRENT TYPE	240.0 AC SINGLE VOLTAGE
FAAZ	PHASE	SINGLE SINGLE VOLTAGE
FREQ	FREQUENCY IN HERTZ	60.0
MATT	MATERIAL	COPPER ALLOY SHEATH

5/8/00

09-00-0239 (Longley) 5.93

Delivered on 3/31/00

22-00-0124 (D+L) 5.95

not rec'd yet.

5/8/00 - changed price to 5.95
was showing 59.60 on assist posture.

5/9/00 - changed price back to 59.60
Texi is running reversals for sum.

5/8/00 - added screw-in type + DO
NOT SUB

P/N - 562457 - is screw in type

P/N - FTG 2457 - flat flange
per Steve @ D+L

