Lock All Fields

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LOC	DIST

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	ECR-16-009822	29JUL2016	GK	SD

REPLACED BY OCEAN STYLE APPLICATOR PART NUMBER 2150631-1

FOR REPLACEMENT PARTS FOR APPLICATOR 687864-4
REFER TO ADDITIONAL PAGE(S). SPARE PARTS KIT (IF LISTED)
WILL REMAIN AVAILABLE.

THE REPLACEMENT OCEAN STYLE APPLICATOR HAS THE SAME TERMINATOR/PRESS INTERFACE AS APPLICATOR 687864-4

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±
4 PLC ±
ANGLES ±

MATERIAL

FINISH

DWN GOPALAKRISHNA HV
CHK GOPALAKRISHNA HV
APVD STOUGH DALE
PRODUCT SPEC
APPLICATION SPEC
WEIGHT

TE Connectivity

NAME END FEED HDM APPLICATOR

SIZE A3 | CAGE CODE | DRAWING NO C- 687864-4 | RESTRICTED TO

CUSTOMER DRAWING | SCALE | SHEET 1 OF 2 | REV A1

1470-19 (3/11)

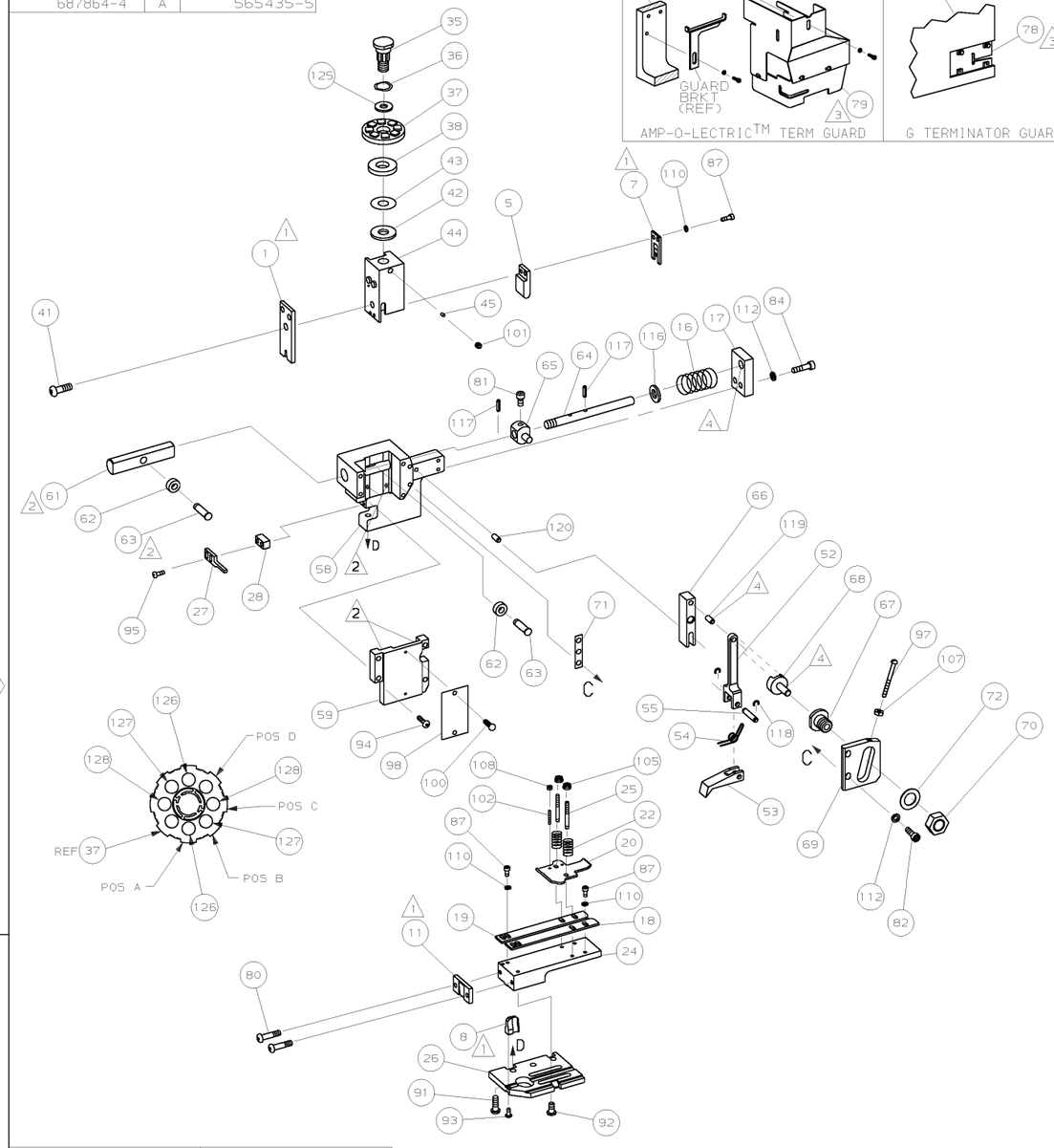
Pro/ENGINEER DRAWING

DRAWING MADE IN THIRD ANGLE PROJECTION

687864-4 ⇔ 687864-4

/auto/data/asg/medusa/appl/ftb

PART NUMBER	REV	FIRST USED
687864-4	A	122500-1
687864-4	A	565435-5



TERMINAL NAME: TERMINAL, RING

40811 △1

CRIMP DATA (AMP TERMINAL)

PAD LTR	CRIMP HEIGHT	WIRE SIZE
A	.069 ±.002 [1.75 ±0.05mm]	16
B	.062 ±.002 [1.57 ±0.05mm]	18
C	.058 ±.002 [1.47 ±0.05mm]	20
D	NOT	USED

CRIMP	SIZE	TYPE	RANGE
WIRE	.100 [2.54mm]	F	20-16
INSUL	-	-	-

WIRE STRIP LENGTH	TERM APPL SPEC	FEED	APPL INSTRUCTION	SET UP GAGE	LAYOUT
.156	114-2084	.425	408-8039	458638-1	L2380

					129
2	-	C	2-354779-4	PIN, WIRE DISC (.3110)C	128
2	-	C	1-354779-5	PIN, WIRE DISC (.3065)B	127
2	-	C	9-354778-7	PIN, WIRE DISC (.2980)A	126
1	-	A	986950-1	WASHER, FLAT PRECISION	125
1	-	A	217238-1	GENERAL INSTRUCTION PACKAGE	124
1	-	-	4088039	EF APPL INST 408-8039	123
					122
					121
REF	-	A	1-21030-7	PIN,DOWEL(ø.187x1.50)HSG	120
REF	-	A	1-21030-1	PIN,DOWEL(ø.187x.50)LEVER	119
REF	-	A	21045-3	RING,RET"C"(ø.187)FD PIN	118
REF	-	A	5-21028-1	PIN,STD SPRING(ø.12)FD ADJ ROD	117
REF	-	A	21899-4	WASHER,FLAT(ø5/16)SCR ADJ	116
					115
					114
					113
REF	-	A	21024-5	WASHER,LOCK(NO.10)FD ROD GDE	112
					111
6	-	A	21024-4	WASHER,LOCK(NO.8)SHEAR BL	110
					109
2	-	A	21018-4	NUT,HEX(4-40)DRAG	108
REF	-	A	21018-5	NUT,HEX(6-32)FD ADJ PL	107
					106
2	-	A	21022-2	NUT,HEX SL(8-32)DRAG STUD	105
					104
					103
2	-	A	2-21006-6	SCR,SKT SET(4-40x.62)DRAG	102
1	-	A	21009-2	SCR,SKT SET(1/4-20x.25)RAM	101
2	-	A	21017-2	SCR,DRIVE(#2x.19)ID PLATE	100
1	-	A	1-21002-7	SCR,BHC(6-32x.38)CAM	99
1	-	B	461264-1	PLATE, IDENTIFICATION	98
REF	-	A	6-23715-5	SCR,PAN HD(6-32x1.50)FEED ADJ	97
					96
2	-	A	2-21002-2	SCR,BHC(8-32x.50)STRIPPER	95
REF	-	A	2-21002-9	SCR,BHC(10-32x.75)HSG CAP	94
1	-	A	22733-8	SCR,BHC(8-32x.38 LW)ANVIL	93
4	-	A	3-21002-3	SCR,BHC(1/4-20x.50)ST GD PL	92
REF	-	A	2-22733-8	SCR,BHC(1/4-20x.62)BASE PL	91
					90
					89
					88
6	-	A	7-21000-4	SCR,SHC(8-32x.31)SLUG BLADE	87
					86
					85
REF	-	A	3-21000-7	SCR,SHC(10-32x.75)FEED ROD GDE	84
					83
REF	-	A	3-21000-6	SCR,SHC(10-32x.62)FEED ADJ PL	82
REF	-	A	3-21000-4	SCR,SHC(10-32x.38)PIVOT BLOCK	81
2	-	A	3-21002-0	SCR,BHC(10-32x.88)SHEAR PL	80
△3 REF	-	A	455745-1	GUARD, WINDOW	79
△6 △3 REF	-	A	679532-1	INSERT, GUARD	78
					77
					76
					75
					74
					73
REF	-	A	458109-1	WASHER, FLAT (SPECIAL)	72
REF	-	A	690517-1	SPACER	71

QTY REQD PER ASSY	-4	U/M	DWG SIZE	PART NO	DESCRIPTION	ITEM NO

PARTS LIST

△8 -4 BENCH MODEL G / BENCH MODEL K — MECH POST FEED

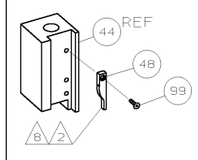
REF	-	A	22594-8	NUT, HEX	70
REF	-	B	240628-1	PLATE, ADJ	69
REF	-	B	240626-1	SHAFT, PIVOT	68
REF	-	B	240633-1	BUSHING	67
REF	-	A	455680-1	LEVER, INTERMEDIATE	66
REF	-	B	240629-1	BLOCK, PIVOT	65
REF	-	A	240632-2	SCR, ADJ	64
REF	-	B	240659-3	PIN, CAM ROLLER	63
REF	-	B	240658-1	CAM, ROLLER	62
REF	-	B	454398-1	ROD, FEED	61
					60
REF	-	C	454220-1	CAP, RAM	59
REF	-	D	453736-1	HOUSING	58
					57
					56
REF	-	B	240624-1	PIN, FEED FINGER	55
REF	-	B	691499-1	SPRING, FEED FINGER	54
REF	-	B	240635-1	FINGER, FEED	53
REF	-	B	240634-1	LEVER, TERMINAL	52
					51
					50
					49
△8 1	-	B	690501-3	CAM, POST FEED 1 1/8 ST	48
△8 1	-	B	690501-4	CAM, POST-FEED 1 5/8 ST	47
					46
1	-	A	690191-1	PLUG, NYLON	45
1	-	C	455674-2	RAM	44
1	-	A	690125-1	WASHER, LAMINATED	43
1	-	A	690124-1	WASHER, RAM	42
1	-	A	7-21002-9	BOLT, CRIMPER(5/16-24x1.00)	41
					40
					39
1	-	A	690223-2	SPACER, INSULATION DISC	38
1	-	D	354777-1	WIRE DISC, PLASTIC	37
1	-	A	22480-5	WASHER, SPRING	36
1	-	B	690212-1	POST, RAM	35
					34
					33
1	-	D	458980-1	APPLICATOR, BASIC (SUB ASSY)	32
					31
					30
					29
1	-	B	1-690451-5	SPACER, STRIPPER	28
1	-	A	240639-2	STRIPPER	27
REF	-	C	455676-1	PLATE, BASE	26
2	-	A	22354-8	DRAG, STUD	25
1	-	B	455678-3	PLATE, STRIP GUIDE	24
					23
2	-	A	4-22281-1	SPRING, DRAG	22
					21
1	-	A	454177-1	DRAG, STOCK	20
1	-	B	458030-3	GUIDE, STRIP (REAR)	19
1	-	C	458031-3	GUIDE, STRIP (FRONT)	18
REF	-	A	454178-1	GUIDE, FEED ROD	17
REF	-	A	4-22284-9	SPRING, FEED RETURN	16
					15
					14
					13
					12
△1 1	-	B	240644-5	PLATE, REAR SHEAR	11
					10
					9
△1 1	-	D	8-240654-0	ANVIL	8
△1 1	-	B	2-691157-1	BLADE, SLUG	7
					6
1	-	B	1-690639-1	TOOL, BENDING	5
					4
					3
					2
△1 1	-	C	456407-5	CRIMPER, WIRE	1

QTY REQD PER ASSY	-4	U/M	DWG SIZE	PART NO	DESCRIPTION	ITEM NO

← REVISION OF EACH ASSY NO (WHEN BLANK, USE DWG REVISION)

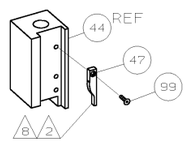
PARTS LIST

POST-FEED 1 1/8 STROKE



K TERMINATOR BENCH MACHINE

POST-FEED 1 5/8 STROKE



G TERMINATOR BENCH MACHINE

△1 RECOMMENDED SPARE PARTS.

△2 GREASE LIGHTLY.

△3 GUARD MUST BE IN PLACE WHEN OPERATING APPLICATOR IN A BENCH MACHINE.

△4 LUBRICATE DAILY USING NO. 20 MACHINE OIL.

5. ITEMS WITH QTY OF REF SPECIFIED (EXCEPT ITEMS 78 AND 79) ARE USED ON ITEM 32.

△6 ITEM 78 USED WITH G TERMINATOR ONLY.

△7 THIS APPLICATOR BENDS TERMINAL DOWN 85°.

△8 INSTALL PROPER CAM ACCORDINGLY FOR DESIRED APPLICATION.

P	F	LTR	REVISION RECORD	APP	DATE
		A	RELEASED	TE	5-00

DIMENSIONS IN INCHES.
DO NOT SCALE PRINT.
TOLERANCES UNLESS OTHERWISE SPECIFIED:
2 PLC DEC ±-
3 PLC DEC ±-
4 PLC DEC ±-
ANGLES ± -
SURF TEXTURE, √
REMOVE BURRS, BREAK SHARP EDGES R.015 MAX

MATL - | HT TR - | FIN -

DR R.O.WILSON 10MAY00 | APP T.ELBIN 10MAY00 | CHK 10MAY00 | REL -

AMP Incorporated Harrisburg, PA 17105-3608

NAME END FEED HDM APPLICATOR | MACHINE REF MINI APPL

SCALE - | D | DWG NO 687864-4 | SHEET 1 OF 1 | REV A

CAGE CODE 00779 | CUSTOMER AND ASSEMBLY DRAWING | RESTRICTED TO -

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LOC A | DIST 66

AMP 1756 REV 3-92 | 19-MAY-00 | 11:31:51 amp12285

CUSTOMER DRAWING

DRAWING NUMBER - 687864-4 SHEET 2 OF 2 REV. A1