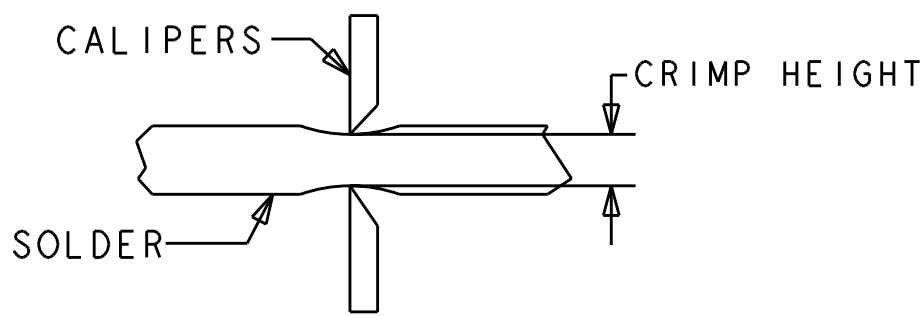


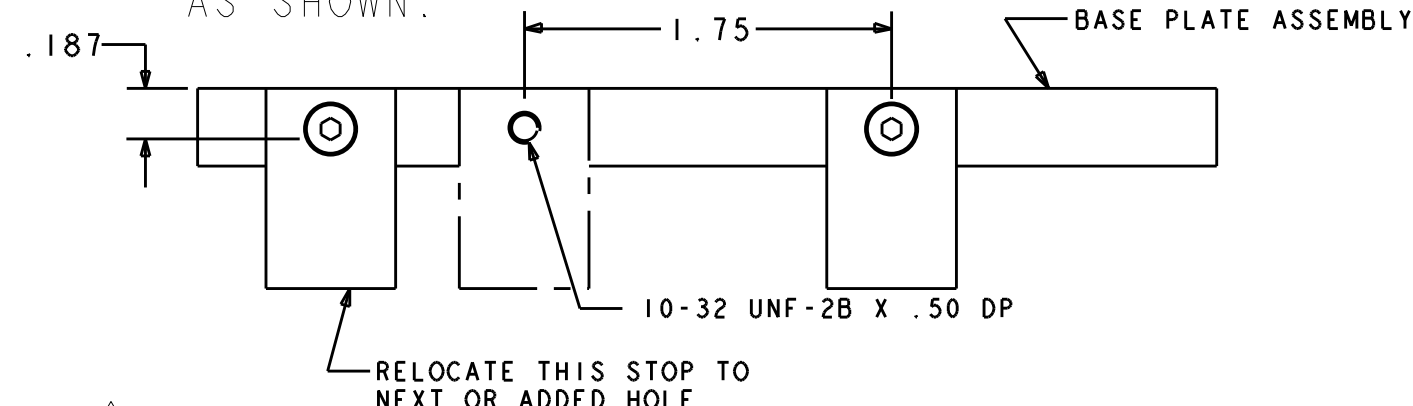
8			7					
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PART NUMBER		REV	FIRST USED		POWER UNIT		FEED TYPE	
466779-3		AB	854400-1		LEADMAKER		AIRFEED	
466779-4		AB	565435-5		BENCH MODEL K		AIRFEED	
466779-5		AB	843083-1		LEADMAKER		DOUBLE-ACTING AIRFEED	
466779-6		AB	354500-1		BENCH MODEL G		AIRFEED	
7-466779-7		U	-		SPARE TOOLING KIT		-	

- 1 RECOMMENDED SPARE PARTS.
- 2 GREASE LIGHTLY.
- 3 GUARD MUST BE IN PLACE WHEN OPERATING APPLICATOR IN A BENCH MACHINE.
- 4 SEE DRAWING FOR COMPONENTS.
- 5 TO CHECK CRIMP HEIGHT, CRIMP SOLDER (Ø.12 60/40 SOLID CORE) AND MEASURE AT CENTER OF SLUG.



- 6 CUT TO LENGTH AT ASSEMBLY.
- 7 ITEM 16 MUST BE REMOVED IF APPLICATOR IS REMOVED FROM LEADMAKER AND PLACED IN AMP-O-LECTRIC* TERMINATING UNIT.
- 8 ITEM 76 REQUIRED WHEN APPLICATOR IS REMOVED FROM LEADMAKER AND PLACED IN AMP-O-LECTRIC* TERMINATING UNIT.
- 9 INSTALL ITEM 75 IN CHIP RELIEF HOLE OF T-TERMINATOR UNIT BEFORE INSTALLING APPLICATOR.
- 10 REMOVE WIRE FUNNEL WHEN USING THIS APPLICATOR ON AMPOMATOR* FEED SIDE T-TERMINATOR UNIT.

11 IT MAY BE NECESSARY TO MODIFY THE T-TERMINATING UNIT'S BASE PLATE BEFORE INSTALLING THIS APPLICATOR BY ADDING A 10-32 HOLE TO RELOCATE THE FORWARD STOP AS SHOWN.



- 12 GROUP 1: Ø.135 MAX INSULATION
GROUP 11: Ø.200 MAX INSULATION.
- 13 USE ITEMS 5 & 9 WITH GROUP I.
USE ITEMS 20 & 10 WITH GROUP II.
- 14 USE ITEM 21 WITH GROUP I.
USE ITEM 22 WITH GROUP II.
- 15 ITEMS 75 AND 77 MUST BE INSTALLED IN THE G-TERMINATING UNIT CHIP RELIEF HOLE BEFORE INSTALLING THE APPLICATOR.
- 16 ITEM NOT SHOWN.

TERMINAL NAME: FULLY INSULATED FASTON						
GROUP I	GROUP II	AMP TERMINAL - AMP CRIMP SPECS				
520102	520261					
520181	520263	PAD LTR	CRIMP HEIGHT		WIRE SIZE	Ø SOLDER
520183	520274	A	.070±.002		18 OR (2)22 OR (1)20 + (1)22	Ø.12
520193	521144	B	.065±.002		22 OR 20	Ø.12
520302	-	C	-		-	-
521102	-	D	-		-	-
521104	-	CRIMP	SIZE	TYPE	RANGE	
521308	-					
-	-	WIRE	.176	D	22-18	
-	-	INSUL	-	-	- 	
521406						
WIRE STRIP LENGTH .265-.297		TERM APPL SPEC 114-2123		FEED .785-.940	APPL INSTRUCTIONS 408-8051	SET UP GAGE 458637-1
						LAYOUT 1040

-	1	1	1	1	-	4-21028-0	PIN, SLOTTED SPRING .094 X .750	121
-	3	3	3	3	-	21024-5	WASHER, SPRG LOCK, REG NO 10	117
-	4	4	4	4	-	21024-2	WASHER, SPRG LOCK, REG NO 4	114
-	1	1	1	1	-	21024-8	WASHER, SPRG LOCK, REG 3/8	112
-	4	4	4	4	-	21024-4	WASHER, SPRG LOCK, REG NO 8	111
-	1	1	1	1	-	22353-8	SCR, SHLD, SLOT HD, 3/16 DIA	105
-	1	1	1	1	-	21009-2	SCR, SET, SELF LOCKING 1/4-20 X .250	103
-	2	2	2	2	-	21017-2	SCREW, DRIVE	102
-	1	1	1	1	-	461264-1	PLATE, IDENTIFICATION	100
-	2	2	2	2	-	5-21006-6	SCR, SET, CUP POINT 10-32 X .750	99
-	1	1	1	1	-	22733-8	SCR, BHSC, SELF-LOCKING, 8-32 X .375	98
-	REF	REF	REF	REF	-	2-21002-9	SCR, BTN SKT HD CAP 10-32 X .750	97
-	REF	REF	REF	REF	-	2-22733-8	SCR, BHSC, SELF-LOCKING, 1/4-20 X .625	96
-	1	1	1	1	-	2-21002-7	SCR, BTN SKT HD CAP 10-32 X .500	95
-	4	4	4	4	-	2-21002-2	SCR, BTN SKT HD CAP 8-32 X .500	94
-	2	6	2	6	-	1-21000-4	SCR, SKT HD CAP 4-40 X .375	93
-	-	2	-	2	-	1-21002-7	SCR, BTN SKT HD CAP 6-32 X .375	92
-	2	2	2	2	-	3-21000-0	SCR, SKT HD CAP 8-32 X .875	87
-	1	1	1	1	-	2-22603-1	SCREW, MACH, HEX HD, 8-32 X .375	86
-	6	4	6	4	-	1-21000-3	SCR, SKT HD CAP 4-40 X .250	85
-	1	1	1	1	-	2-21000-7	SCR, SKT HD CAP 8-32 X .500	84
-	1	1	1	1	-	3-21000-4	SCR, SKT HD CAP 10-32 X .375	81
-	-	1	-	1	-	1-18023-1	SCR, SHC, M4x10	80
-	-	REF	1	-	-	462992-5	GUARD ASSY	79
-	REF	-	-	-	..	679532-1	INSERT, GUARD	78
-	-	1	-	1	-	189728-1	BRACKET, SPACER	77
-	-	-	1	-	..	803931-1	BRACKET, HOLD DOWN	76
-	-	1	-	1	-	568681-1	SPACER, BASE PLATE	75
-	1	1	1	1	-	690603-1	SPRING ASSIST AMP-O-MATOR APPLICATOR	74
-	1	1	1	1	-	23030-1	SCR, SKT HD CAP, S-LOCK, 6-32 X .25	73
-	1	1	1	1	-	3-21001-5	SCR, SKT HD CAP 3/8-16 X 1.000	72
-	1	1	1	1	-	459610-3	MOUNT, FEED BRACKET	71
-	-	-	1	-	-	692655-5	AIR FEED VALVE ASSEMBLY	69
-	-	1	-	-	-	461065-4	AIR FEED ASSY	68
-	-	-	REF	-	-	24042-2	VALVE, SHUT-OFF	67
-	-	-	REF	-	-	692655-6	AIR FEED VALVE ASSEMBY	66

LOC	DIST	REVISONS			
A	66	P LTR	DESCRIPTION	DATE	DWN APVD
		Z1	ECR-07-004071	21FEB2007	BW TM
		AA	ECR-07-016881	18JUL2007	MY GB
		AB	ECR-07-024506	16OCT2007	MY GB
		AB1	ECR-09-015347	08JUL2009	MY GB

-	1	-	1	1	-	461065-1	ASSEMBLY, AIR FEED	65
-	2	2	2	2	-	3-21000-9	SCR, SKT HD CAP 10-32 X 1.000	64
-	-	2	-	-	-	983427-6	ELBOW, SWIVEL, 1/8 NPT-1/4 T	63
-	-	2	-	-	-	23238-1	INSERT, COUPLING	62
-	-	12.00	24.00	-	IN	27319-4	TUBING 1/4" O.D.	61
-	1	-	-	1	-	692655-7	AIR FEED VALVE ASSEMBLY	60
-	REF	REF	REF	REF	-	454220-1	CAP, RAM	59
-	REF	REF	REF	REF	-	454485-1	HOUSING, APPL CSTG	58
-	1	1	1	1	-	462427-1	FINGER, FEED	56
-	1	1	1	1	-	461062-2	FEED FINGER ASSEMBLY	53
-	1	-	1	-	-	469366-2	PLATE, REAR SHEAR	49
-	1	-	1	-	-	467590-1	HOLDER, SHEAR	48
-	1	-	1	-	-	816187-1	APPLICATOR, BASIC SUBASSEMBLY	47
-	-	1	-	1	-	816187-2	APPLICATOR, BASIC SUBASSEMBLY	46
-	1	1	1	1	-	690191-1	PLUG, NYLON	45
-	1	1	1	1	-	455673-1	RAM, SIDE FEED	44
-	1	1	1	1	-	690125-1	SHIM SUB-ASSY	43
-	1	1	1	1	-	690124-1	WASHER, RAM (.115)	42
-	1	1	1	1	-	690686-2	CRIMPER, BOLT SPECIAL	41
-	1	1	1	1	-	23241-6	BALL, STEEL	40
-	1	1	1	1	-	690170-1	SPRING, COMPRESSION	39
-	1	1	1	1	-	462426-1	DISC, SPRING	38
-	1	1	1	1	-	462425-1	WIRE DISC	37
-	8	8	8	8	-	2-22280-5	SPRING, COMPRESSION	36
-	1	1	1	1	-	690212-1	POST, RAM	35
-	REF	-	REF	-	-	455675-3	PLATE, BASE	34
-	-	REF	-	REF	-	808835-1	PLATE, BASE	33
-	1	1	1	1	-	690432-3	ADJUSTMENT SCREW	32
-	1	1	1	1	-	22480-5	WASHER, WAVE SPRING	31
-	1	1	1	1	-	455689-1	BLOCK, STRIP GUIDE ADJUST	30
-	1	1	1	1	-	684045-2	PLATE, STRIP GUIDE	29
-	2	2	2	2	-	22281-9	SPRING, COMPRESSION	27
-	1	1	1	1	-	240793-4	LEVER, DRAG RELEASE	26
-	1	1	1	1	-	240792-6	DRAG, TERMINAL	25
-	1	1	1	1	-	690438-1	FRONT STRIP GUIDE	24
-	1	1	1	1	-	684042-2	GUIDE, STRIP, FRONT	23
-	1	-	1	-	-	462433-3	SUPPORT, INSULATION	22
-	1	-	1	-	-	462433-1	SUPPORT, INSULATION	21
-	-	1	-	1	-	462431-6	FUNNEL, WIRE	20
-	1	1	1	1	-	690472-2	STRIPPER	19
-	1	1	1	1	-	463460-3	HOLD DOWN, TERMINAL	18
-	2	2	2	2	-	5-22278-1	SPRING, COMPRESSION	17
-	-	1	-	1	-	803925-1	GUIDE, CARRIER SCRAP	16
-	-	1	-	1	-	803926-1	PLATE, REAR SHEAR	15
-	-	1	-	1	-	467590-2	HOLDER, SHEAR, REAR	14
-	1	1	1	1	-	469542-3	REAR FLOATING SHEAR	13
-	1	1	1	1	-	3-22280-3	SPRING, COMPRESSION	12
-	1	1	1	1	-	1-690461-1	STOP, SHEAR	11
-	-	1	-	1	-	462843-3	TERMINAL SUPPORT	10
-	-	1	-	1	-	462843-1	TERMINAL SUPPORT	9
1	1	1	1	1	-	464291-1	ANVIL, SAND-BLASTED 22-18	8
-	1	-	1	1	-	240641-6	SPACER	7
-	1	1	1	1	-	690468-6	DEPRESSOR SHEAR, REAR	6
-	-	1	-	1	-	462431-1	WIRE FUNNEL	5
-	1	1	1	1	-	238009-3	BLOCK, FL CRIMPER SPACER	4
1	1	1	1	1	-	462432-5	STABILIZER	3
-	1	1	1	1	-	462842-1	SPACER	2
1	1	1	1	1	-	464290-1	CRIMPER, SEMI-FLAT 22-18	1
-77	-6	-5	-4	-3	U/M	PART NO	DESCRIPTION	ITEM NO

THIS IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE DIMENSIONS AND TOLERANCES OF THE PARTS AND ASSEMBLY.				DWN	AB	19JAN2007		Tyco Electronics Harrisburg, PA 17105-3608			
				CHK	T	19JAN2007					
				APVD	T	19JAN2007					
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		NAME					
IN		9 PLC ±		-		SIDE FEED HDM APPLICATOR					
		2 PLC ±		-		-					
		3 PLC ±		-		-					
		4 PLC ±		-		-					
		ANGLES		-		-					
FINISH		-		-		-					
MATERIAL		-		-		-					
CUSTOMER DRAWING				SCALE		1:2		SHEET 1 OF 2			
								REV			
								CUSTOMER VIEWABLE ASSEMBLY			

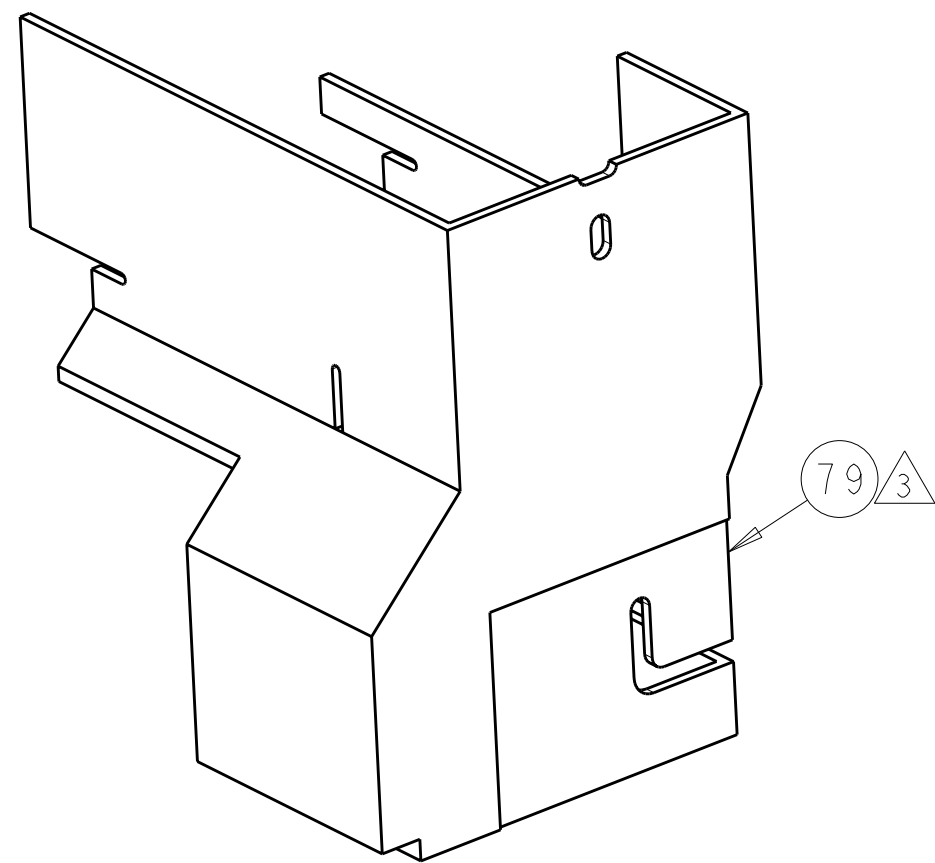
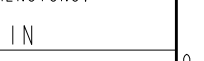


Diagram illustrating the assembly of the casting machine handle and lever mechanism. The handle (66) is shown being inserted into the lever (67). The lever is attached to the casting machine body. The handle is labeled "TO PRESS CASTING". The lever is labeled "REF 67". The handle is labeled "REF 66".

TO PRESS
CASTING

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TICO ELECTRONICS CORPORATION 1710 S. 10TH AVE. HARRISBURG, PA 17105-3608 IT SHOULD BE CONTACTED FOR THE LATEST REVISION		DWN B. WEAVER 19JAN2007 CHK T. ELBIN 19JAN2007 APVD T. ELBIN 19JAN2007		 Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: IN 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.01 4 PLC ±.01 ANGLES ±.1°		NAME SIDE FEED HDM APPLICATOR	
MATERIAL -		FINISH -		WEIGHT -	
CUSTOMER DRAWING		SCALE 3:4		SHEET 2 OF 2	
A 00779		C=466779		RESTRICTED TO -	

Mouser Electronics

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