PART NUMBER	REV	FIRST USED	TERMINATOR	FEED TYPE	DESCRIPTION
1339783-1	A	-	BENCH & LEADMAKER	MECH POST FEED	HD-I APPLICATOR
7-1339783-1	A	-	BENCH & LEADMAKER	MECH POST FEED	-1 AND SPARE PARTS
7-1339783-7	A	-	-	-	SPARE PARTS KIT

CRIMP DATA JST TERMINAL AMP CRIMP SPECS

TERMINAL NAME: 250 TAB-IN TAB TYPE

CRIMP	SIZE	TYPE	RANGE
WIRE	2.54 [.100 IN] △5	F	0.50-2.00mm² or 20-14 AWG △7
INSUL	4.32 [.170 IN] △5	F	2.60-3.80 [.102-.150 IN]

WIRE STRIP LENGTH 4.40-5.20 [.173-.205 IN]

APPL INSTRUCTION 408-8323

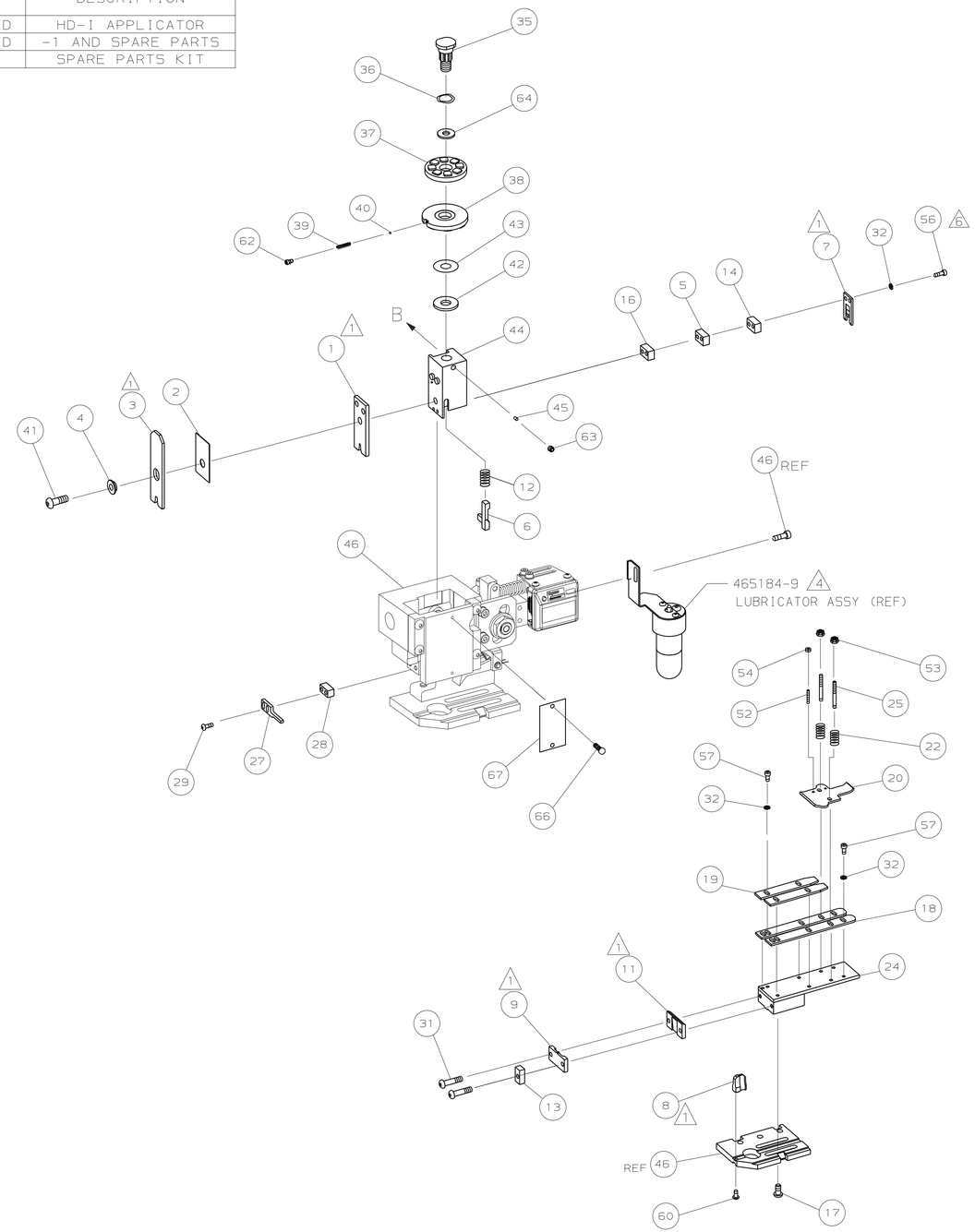
TERMINAL	-	-	FEED
APPL SPEC	-	-	26.50 [1.043 IN]

TERMINALS APPLIED

AMP PN	MFR PN	-	-	-
1572819-1	SIM-51T-250N	-	-	-
1572819-2	SIM-51-250NK	-	-	-
1572819-3	SIM-51-250N	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

WIRE SIZE mm² AWG	CRIMP HEIGHT △5	PIN PN AND LENGTH [IN]
2.00mm² △8	1.93 ±0.05 [.076 ±.002 IN]	7-354778-3 [.2860]
1.50mm²	1.75 ±0.05 [.069 ±.002 IN]	8-354778-7 [.2930]
1.00mm²	1.60 ±0.05 [.063 ±.002 IN]	9-354778-9 [.2990]
0.75mm²	1.52 ±0.05 [.060 ±.002 IN]	354779-8 [.3030]
0.50mm²	1.42 ±0.05 [.056 ±.002 IN]	1-354779-6 [.3070]
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

1. △1 RECOMMENDED SPARE PARTS.
2. GREASE RAM, CAM, CAM FOLLOWER AND FEED ROD LIGHTLY.
3. LUBRICATE DAILY PER THE APPLICATOR INSTRUCTION SHEET SUPPLIED WITH THE APPLICATOR.
4. △4 CERTAIN TERMINALS REQUIRE LUBRICATION. REFER TO THE APPLICATOR INSTRUCTION SHEET FOR MORE INFORMATION.
5. △5 ALL CRIMP DATA CALCULATED BY TYCO ELECTRONICS UK LTD.
6. △6 CUT TO LENGTH AT ASSY.
7. △7 RANGE QUOTED IS THAT OF THE TERMINAL, NOT THE APPLICATOR.
8. △8 2.00mm² WILL NOT ACHIEVE CAPABILITY STUDY FOR CRIMP TENSILE.



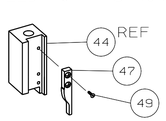
					73
-	1	1	1339783	PRINT, APPLICATOR LOG SHEET	72
-	1	1	1338705-2	DOCUMENTATION PACKAGE	71
					70
					69
					68
-	1	1	461264-1	PLATE, IDENTIFICATION	67
-	2	2	21017-2	SCR,DRIVE(#2X.19)ID PLATE	66
					65
-	1	1	986950-1	WASHER, FLAT PRECISION	64
-	1	1	3-18031-0	SCR,SKT SET(M6X6)RAM	63
-	1	1	18023-9	SCR,SKT CAP(M4X6)CP DSC	62
					61
-	1	1	18024-7	SCR,BHC(M4X10)ANVIL	60
					59
					58
-	6	6	18023-9	SCR,SHC(M4X6)STRIP GUIDE	57
△6 -	2	2	1-18023-4	SCR,SHC(M4X20)SLUG BLADE	56
					55
-	2	2	18029-1	NUT,HEX(M3)DRAG	54
-	2	2	986965-1	NUT,HEX SL(M4)DRAG STUD	53
-	2	2	2-18032-2	SCR,SKT SET(M3X10)DRAG	52
					51
					50
-	1	1	18024-3	SCR,BHC(M3X10)CAM	49
					48
-	1	1	1338676-1	CAM, POST-FEED 30 & 40 mm ST	47
-	1	1	1338662-1	APPLICATOR, BASIC (SUBASSY)	46
-	1	1	690191-1	PLUG, NYLON	45
-	1	1	1320998-1	RAM	44
-	1	1	690125-1	WASHER, LAMINATED	43
-	1	1	690124-1	WASHER, RAM	42
-	1	1	2-18024-6	SCREW,BHC(M8X25)CRIMPER	41
-	1	1	23241-1	BALL, STEEL	40
-	1	1	2-22278-7	SPRING, COMPRESSION	39
-	1	1	1320922-1	DISC, INSULATION	38
-	1	1	354777-1	WIRE DISC, PLASTIC	37
-	1	1	22480-5	WASHER, SPRING	36
-	1	1	690212-1	POST, RAM	35
					34
					33
-	8	8	18025-2	WASHER,LOCK(M4)SHEAR BL	32
-	2	2	4-18024-7	SCR,BHC(M4X25)SHEAR PL	31
					30
-	2	2	18024-8	SCR,BHC(M4X12)STRIPPER	29
-	1	1	3-690451-2	SPACER, STRIPPER	28
-	1	1	240639-1	STRIPPER	27
					26
-	2	2	1320906-1	DRAG, STUD	25
-	1	1	1320995-1	PLATE, STRIP GUIDE	24
					23
-	2	2	4-22281-1	SPRING, DRAG	22
					21
-	1	1	1338665-1	DRAG, STOCK	20
-	2	2	1338664-1	GUIDE, UPPER STRIP	19
-	2	2	1338663-2	GUIDE, LOWER STRIP	18
-	4	4	1-18024-8	SCR,BHC(M6X12)STRIP GD PL	17
-	1	1	1338708-1	SPACER, SLUG BLADE	16
					15
-	1	1	1-240641-2	SPACER, SLUG BLADE	14
-	1	1	1-690481-0	SPACER, HOLD DOWN	13
-	1	1	23846-1	SPRING, HOLD DOWN	12
△1 -	1	1	240644-1	PLATE, REAR SHEAR	11
					10
△1 -	1	1	690482-4	PLATE, FRONT SHEAR	9
△1 1	2	1	2-1333218-2	ANVIL	8
△1 -	1	1	690474-4	BLADE, SLUG	7
-	1	1	6-455892-3	HOLD DOWN, TERMINAL	6
-	1	1	2-240641-9	SPACER, SLUG BLADE	5
-	1	1	238009-2	SPACER, BLOCK CRIMPER	4
△1 1	2	1	2-1424909-6	CRIMPER, INSULATION	3
-	1	1	455888-5	SPACER, CRIMPER	2
△1 1	2	1	2-456407-6	CRIMPER, WIRE	1
	-77	-71	-1	PART NO / DESCRIPTION	ITEM NO

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

QTY REQD PER ASSY — PARTS LIST

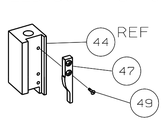
VIEW B ROTATED 180°

POST-FEED 40 mm STROKE



LEADMAKER OR BENCH G

POST-FEED 30 mm STROKE



K TERMINATOR BENCH MACHINE

P	F	LTR	REVISION RECORD	APP	DATE
		A	SEE ECO-05-015563	MC	DEC05

DIMENSIONS: mm [INCHES]
DO NOT SCALE PRINT.
TOLERANCES UNLESS OTHERWISE SPECIFIED:
1 PLC DEC ±-
2 PLC DEC ±-
3 PLC DEC ±-
ANGLES ± -
SURF TEXTURE: √
REMOVE BURRS, BREAK SHARP EDGES RO.38 MAX

MATL - -	HT TR - -	FIN - -	
DR 040CT05 M.CLIFFORD	APP 040CT05 F.BACKHURST	AMP Tyco Electronics Harrisburg, PA 17105-3608	
CHK - -	REL 07-12-05 M.CLIFFORD		
NAME END FEED HD-I APPLICATOR		MACHINE REF HD-I APPL	
SCALE -	D DWG NO 1339783	SHEET 1 OF 1	REV A

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SET UP GAGE 458638-3
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