Lock All Fields

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| LOC | DIST |
|---|---|
| | |

REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | B1 | ECR-13-003003 | 17FEB2013 | XZ | SX |
| | | | | | |
| | | | | | |
| | | | | | |

Dimensioning and tolerancing per ASME Y14.5M-2009

# REPLACED BY OCEAN STYLE APPLICATOR PART NUMBER 2151171-1

FOR REPLACEMENT PARTS FOR APPLICATOR 1528553
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 1528553

| | | | |
|---|---|---|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN X. ZHAO | TE Connectivity |
| DIMENSIONS: | TOLERANCES UNLESS OTHERWISE SPECIFIED: | CHK S. XI | |
| | 0 PLC ± | APVD S. XI | NAME FINE ADJ SIDE FD HD-I APPL |
| | 1 PLC ± | PRODUCT SPEC | |
| | 2 PLC ± | APPLICATION SPEC | SIZE A3 / CAGE CODE / DRAWING NO C-1528553 / RESTRICTED TO |
| | 3 PLC ± | | |
| | 4 PLC ± | | |
| | ANGLES ± | | |
| MATERIAL | FINISH | WEIGHT | SCALE / SHEET 1 OF 2 / REV B1 |

1470-19 (3/11)

Pro/ENGINEER DRAWING

DRAWING MADE IN THIRD ANGLE PROJECTION

1528553 ⇔ 1528553

| PART NUMBER | REV | FIRST USED | TERMINATOR | FEED TYPE | DESCRIPTION |
|---|---|---|---|---|---|
| 1528553-1 | B | – | LEADMAKER | MECH POST FEED | CUTS CARRIER |
| 1528553-2 | B | – | BENCH | MECH PRE FEED | CUTS CARRIER |
| 1528553-6 | B | – | LEADMAKER | MECH POST FEED | CONTINUOUS CARRIER |
| 7-1528553-1 | B | – | LEADMAKER | MECH POST FEED | -1 AND SPARE PARTS |
| 7-1528553-2 | B | – | BENCH | MECH PRE FEED | -2 AND SPARE PARTS |
| 7-1528553-6 | B | – | LEADMAKER | MECH POST FEED | -6 AND SPARE PARTS |
| 7-1528553-7 | A | – | – | – | SPARE PARTS KIT |

CRIMP DATA AMP TERMINAL AMP CRIMP SPECS

TERMINAL NAME: STANDARD POWER TIMER CONTACT.

| CRIMP | SIZE | TYPE | RANGE |
|---|---|---|---|
| WIRE | 3.30 [.130 IN] | F | >2.5-4.0mm² |
| INSUL | 4.06 [.160 IN] | F | 2.70-3.70 [.106-.146 IN] |

WIRE STRIP LENGTH 4.40-5.00 [.173-.197 IN]

APPL INSTRUCTION 408-8322 & 408-8490

TERMINAL APPL SPEC – 114-18037 –

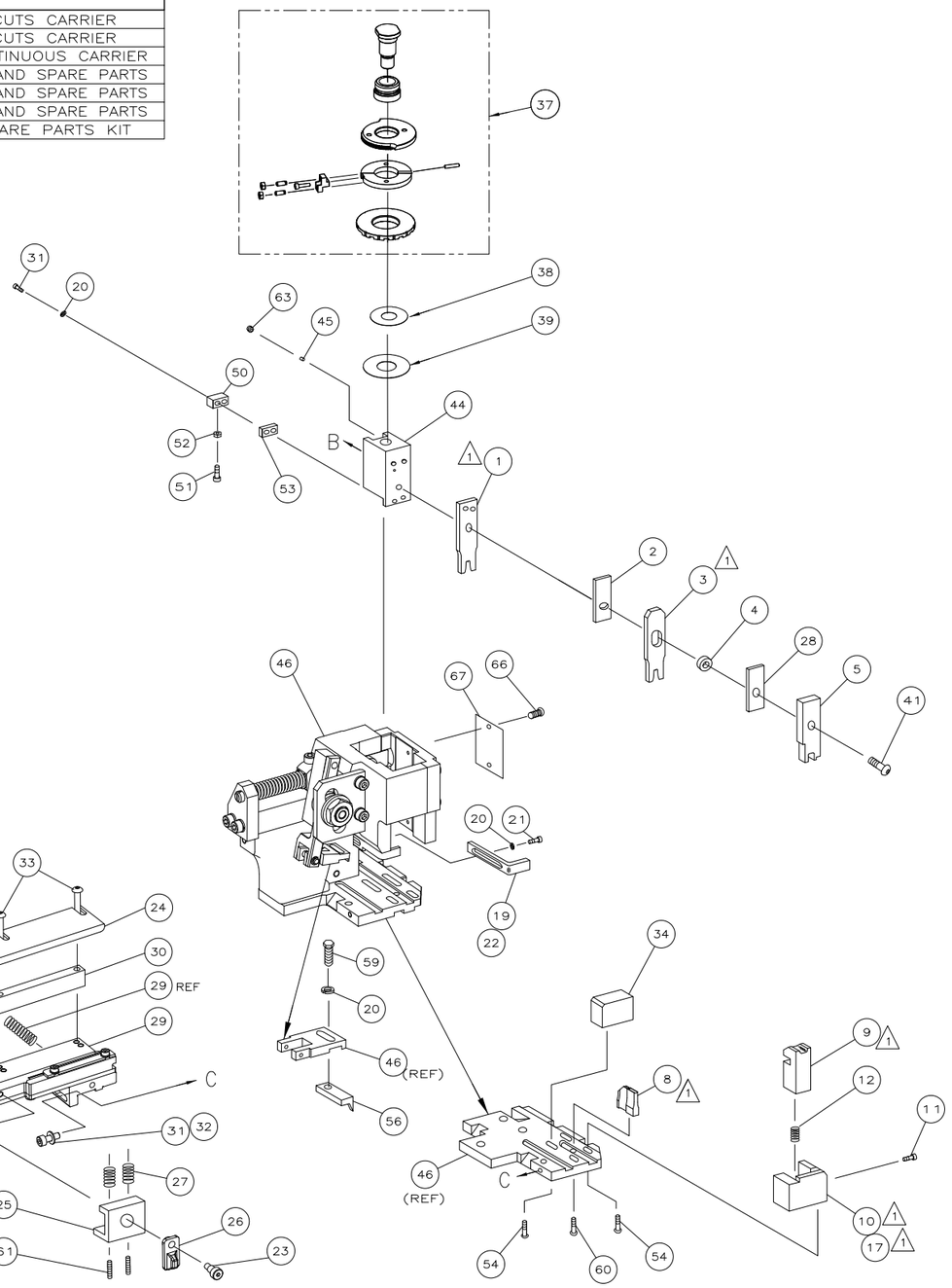
FEED 16.00 [.630 IN]

TERMINALS APPLIED

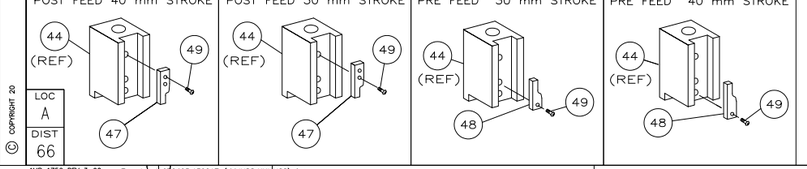
| | | | | |
|---|---|---|---|---|
| 927829 | – | – | – | – |
| – | – | – | – | – |
| – | – | – | – | – |
| – | – | – | – | – |
| – | – | – | – | – |
| – | – | – | – | – |
| – | – | – | – | – |
| – | – | – | – | – |

| WIRE SIZE mm² AWG | CRIMP HEIGHT * | REF SETTING |
|---|---|---|
| 4.00mm² | 2.35 ±0.05 [.093 ±.002 IN] | B 9 |
| 3.50mm² | 2.24 ±0.05 [.088 ±.002 IN] | C 7 |
| 3.00mm² | 2.13 ±0.05 [.084 ±.002 IN] | D 5 |
| – | – | – |
| – | – | – |
| – | – | – |
| – | – | – |
| – | – | – |
| – | – | – |
| – | – | – |
| – | – | – |
| – | – | – |
| – | – | – |
| – | – | – |
| – | – | – |

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.

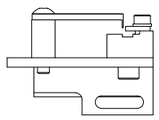



VIEW B ROTATED 180°




* WARNING:

ON INSTALLATION, SET WIRE DISC TO LARGEST WIRE SIZE SETTING. USE OF SETTINGS BELOW MIN REQUIRED CRIMP HEIGHT SETTING WILL CAUSE DAMAGE TO CRIMP TOOLING.



GUIDE OFF INSULATION BARREL

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 73 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 1528553 | PRINT, APPLICATOR LOG SHEET | 72 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 1338705-3 | DOCUMENTATION PACKAGE | 71 |
| | | | | | | | | | 70 |
| | | | | | | | | | 69 |
| | | | | | | | | | 68 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 461264-5 | PLATE, IDENTIFICATION | 67 |
| – | 2 | 2 | 2 | 2 | 2 | 2 | 21017-2 | SCR,DRIVE(#2x.19)ID PLATE | 66 |
| | | | | | | | | | 65 |
| | | | | | | | | | 64 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 3-18031-0 | SCR,SKT SET(M6X6)RAM | 63 |
| | | | | | | | | | 62 |
| – | 2 | 2 | 2 | 2 | 2 | 2 | 2-18032-5 | SCR,SKT SET (M5X20)DRAG | 61 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 18024-7 | SCR,BHC(M4X10)ANVIL | 60 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 5-18022-2 | SCR,HEX(M4X8)FEED FINGER | 59 |
| | | | | | | | | | 58 |
| | | | | | | | | | 57 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 1338685-1 | PAWL, FEED | 56 |
| | | | | | | | | | 55 |
| – | 4 | 4 | 4 | 4 | 4 | 4 | 18024-8 | SCR,BHC(M4x12)SHEAR HOLDER | 54 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 5-240641-8 | SPACER, HOLDDOWN | 53 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 18030-1 | NUT,HEX(M3)HOLD DOWN | 52 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 811242-5 | BUMPER, HOLDDOWN | 51 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 690753-2 | SPACER, TONKER | 50 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 18024-3 | SCR,BHC(M3X10)CAM | 49 |
| – | – | 1 | – | – | 1 | – | 1338675-1 | CAM, PRE FEED 30 & 40 mm ST | 48 |
| – | 1 | – | 1 | 1 | – | 1 | 1338676-1 | CAM, POST FEED 30 & 40 mm ST | 47 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 1320999-3 | APPLICATOR BASIC SUBASSY | 46 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 690191-1 | PLUG, NYLON | 45 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 1333257-1 | RAM | 44 |
| | | | | | | | | | 43 |
| | | | | | | | | | 42 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 2-18024-6 | SCR,BHC(M8X25)RAM | 41 |
| | | | | | | | | | 40 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 690125-1 | SHIM SUBASSY | 39 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 469367-2 | FINE ADJUST SPACER | 38 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 879103-2 | FINE ADJUST HEAD SUBASSY | 37 |
| | | | | | | | | | 36 |
| | | | | | | | | | 35 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 2-1320934-1 | SUPPORT, TERMINAL | 34 |
| – | 2 | 2 | 2 | 2 | 2 | 2 | 1-18024-0 | SCR,BHC(M4X20)STRIP GUIDE | 33 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 18027-2 | WASHER, FLAT(M4) | 32 |
| – | 3 | 3 | 3 | 3 | 3 | 3 | 1-18023-2 | SCR,SKT CAP(M4X12)MOUNT BLOCK | 31 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 1320908-3 | SPACER, STRIP GUIDE | 30 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 1633073-1 | STRIP GUIDE PLATE ASSY | 29 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 1-455888-9 | SPACER, FRONT SHEAR DEP | 28 |
| – | 2 | 2 | 2 | 2 | 2 | 2 | 1-22284-0 | SPRING, DRAG | 27 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 356835-1 | LEVER, DRAG RELEASE | 26 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 240792-1 | DRAG, TERMINAL | 25 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 1320928-1 | PLATE, STRIP GUIDE | 24 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 980371-4 | SCR,SHC SHLD | 23 |
| – | 1 | – | 1 | 1 | – | 1 | 690472-2 | STRIPPER | 22 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 1-18023-1 | SCR,SHC(M4X10)STRIPPER | 21 |
| – | 4 | 4 | 4 | 4 | 4 | 4 | 18025-2 | WASHER,LOCK(M4)STRIPPER | 20 |
| – | – | 1 | – | – | 1 | – | 690472-1 | STRIPPER | 19 |
| | | | | | | | | | 18 |
| 1 – | 1 | – | – | 1 | – | – | 1338684-1 | HOLDER, SHEAR, FRONT (NO-CUT) | 17 |
| | | | | | | | | | 16 |
| | | | | | | | | | 15 |
| | | | | | | | | | 14 |
| | | | | | | | | | 13 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 3-22280-3 | SPRING, SHEAR | 12 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 356885-4 | STOP, SHEAR | 11 |
| 1 – | – | 1 | 1 | – | 1 | 1 | 1320921-1 | HOLDER, SHEAR, FRONT (CUT) | 10 |
| 1 – | 1 | 1 | 1 | 1 | 1 | 1 | 1-454276-9 | SHEAR, FLOAT (FRONT) | 9 |
| 1 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1-1333209-1 | ANVIL | 8 |
| | | | | | | | | | 7 |
| | | | | | | | | | 6 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 3-455889-6 | DEPRESSOR, SHEAR (FRONT) | 5 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 238011-4 | SPACER, BLOCK CRIMPER | 4 |
| 1 1 | 2 | 2 | 2 | 1 | 1 | 1 | 7-456134-5 | CRIMPER, INSULATION | 3 |
| – | 1 | 1 | 1 | 1 | 1 | 1 | 455888-4 | SPACER, CRIMPER | 2 |
| 1 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1-1752057-1 | CRIMPER, WIRE | 1 |
| | -77 | -76 | -72 | -71 | -6 | -2 | -1 | PART NO | DESCRIPTION ITEM NO |

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

QTY REQD PER ASSY — PARTS LIST

| P | F | LTR | REVISION RECORD | APP | DATE |
|---|---|---|---|---|---|
| | | B | ECR-09-002209 | DM | JAN09 |
| | | A | SEE ECO-05-006000 | LJL | JUL05 |
| | | 01 | WIRE SIZES ADDED | LJL | JUL05 |

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 R0.38 MAX

MATL – – HT TR – – FIN – –

DR L.LOFTHOUSE 15JUN05 APP F.BACKHURST 15JUN05
CHK – – REL LOFTHOUSE 21JUL05

AMP Tyco Electronics Harrisburg, PA 17105-3608

NAME FINE ADJ SIDE FD HD-I APPL
MACHINE REF HD-I APPL
SCALE – D DWG NO 1528553 SHEET 1 OF 1 REV. B

CAGE CODE 00779 CUSTOMER AND ASSEMBLY DRAWING
RESTRICTED TO –

LAYOUT L1528553
SET UP GAGE 458637-3

Dimensioning and tolerancing per ASME Y14.5M-2009
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