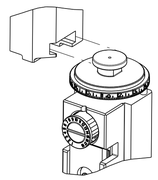
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

| PART NUMBER | REVISION | DESCRIPTION | FEED TYPE |
|---|---|---|---|
| 2151516-1 | F | FINE CRIMP HEIGHT ADJUST | MECHANICAL |
| 2151516-2 | F | FINE CRIMP HEIGHT ADJUST | PNEUMATIC |
| 7-2151516-7 | A | CRIMP TOOLING KIT | - |

ATLANTIC VERSION TERMINATOR
INTERFACE ADAPTER



| REVISIONS | | | | | |
|---|---|---|---|---|---|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | C1 | ECR-18-009966 | 29JUN2018 | YY | GB |
| | D | ECR-18-015830 | 05OCT2018 | TB | CT |
| | E | ECR-23-169878 | 20MAR2023 | JWC | TE |
| | F | ECR-26-271497 | 19FEB2026 | AP | ZZ |

| APPLICATOR DATA | | |
|---|---|---|
| CRIMP | SIZE | TYPE |
| WIRE | 1.40 mm [.055] | F |
| INSUL | - | - |
| APPLICATOR INSTRUCTIONS 408-35042 | | |

| TERMINAL DATA: TE TERMINAL | | TE CRIMP SPECIFICATION |
|---|---|---|
| TERMINAL NAME: SOCKET CONTACT FOR 1MM DIA PIN | | |
| WIRE STRIP LENGTH 3.5-4.5 mm[.138-.177 IN] | | INSULATION DIAMETER RANGE ∅ |
| TERMINAL APPLICATION SPECIFICATION | (A)114-18972 | (C)114-15155 - |
| | (B)114-15132 | - - |

TERMINALS APPLIED 3

| TE TERMINAL | TE TERMINAL | TE TERMINAL | TE TERMINAL |
|---|---|---|---|
| (A) 1564881-1 | (A) 1-1564881-1 | (A) 1564882-1 | (A) 1-1564882-1 |
| (B) 1801828-1 | (B) 9-1801828-1 | (B) 1801829-1 | (B) 9-1801829-1 |
| (C) 1802697-1 | (C) 1802696-1 | (C) 1-1802696-1 | |

| WIRE SIZE | CRIMP HEIGHT mm [INCH] | CRIMP HEIGHT REFERENCE SETTING 4 |
|---|---|---|
| 0.50mm2 | 0.86+/-0.03 [.034+/-.001] | 6.4 |
| 0.35mm2 | 0.78+/-0.03 [.031+/-.001] | 7.2 |

1 RECOMMENDED SPARE PARTS

2 REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.

3 TERMINAL LUBRICANT IS RECOMMENDED.

4 CRIMP HEIGHT REFERENCE SETTING WAS THE SETTING USED WHEN THE APPLICATOR WAS QUALIFIED AT THE FACTORY. ADJUSTMENT MAY BE NECESSARY WHEN RUNNING APPLICATOR IN THE FIELD.

5. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.

*WARNING
ON INSTALLATION, SET WIRE DISC TO CRIMP HEIGHT REFERENCE SETTING FOR LARGEST WIRE SIZE. CRIMP HEIGHT REFERENCE SETTINGS GREATER THAN THE VALUE SHOWN MAY CAUSE DAMAGE TO THE CRIMP TOOLING. REFER TO THE INSTRUCTION SHEET FOR PROPER SETUP AND ADJUSTMENTS.

| | -77 | -2 | -1 | PART NO | DESCRIPTION | ITEM NO |
|---|---|---|---|---|---|---|
| | - | 1 | - | 2119641-1 | FEED CAM, AIR FEED | 248 |
| | - | 1 | 1 | 7-18023-7 | SCR, SKT HD CAP M3 X 4.0 | 241 |
| | - | - | 1 | 2119580-1 | MECHANICAL FEED ASSEMBLY | 239 |
| | - | 1 | - | 2844940-1 | AIR FEED MODULE | 238 |
| | - | REF | REF | 994970-2 | COUNTER, MAGNETIC | 164 |
| | - | 1 | 1 | 1-18028-2 | WASHER, FLAT, REG M4 | 119 |
| 3 | - | 1 | 1 | 2119955-1 | ASSY, LUBRICATOR, SIDE FEED | 113 |
| | - | 1 | 1 | 2844908-1 | SCREW, LOCKING | 99 |
| | - | 1 | 1 | 2844907-1 | POST, LOCKING | 98 |
| | - | 1 | 1 | 455888-5 | SPACER, CRIMPER - | 82 |
| | - | 2 | 2 | 2168083-1 | SCR, SKT HD CAP, RoHS, M3 X 8.0 | 79 |
| | - | 1 | 1 | 1633782-3 | FENCE | 78 |
| | - | 1 | 1 | 5-547505-2 | SPRING, COMPRESSION | 77 |
| | - | 1 | 1 | 854769-4 | HOLDER, INS | 74 |
| | - | 1 | 1 | 1803607-3 | DOCUMENTATION PACKAGE | 71 |
| | - | 1 | 1 | 2119740-1 | TAG,IDENTIFICATION | 67 |
| | - | 2 | 2 | 2168078-1 | SCREW, DRIVE, RH, RoHS, 2 x .188 | 66 |
| | - | 1 | 1 | 2168083-2 | SCR, SKT HD CAP, RoHS, M4 X 8.0 | 60 |
| | - | 1 | 1 | 5-18022-5 | SCR, HEX HD CAP, M4 X 6.0 | 59 |
| | - | 1 | 1 | 21028-2 | PIN, SLOTTED SPRING .062 X .250 | 58 |
| | - | 1 | 1 | 1338685-1 | PAWL, FEED | 56 |
| | - | 4 | 4 | 2168083-3 | SCR, SKT HD CAP, RoHS, M4 X 12.0 | 54 |
| | - | 2 | 2 | 2168083-8 | SCR, SKT HD CAP, RoHS, M4 X 16 | 53 |
| | - | 1 | 1 | 5018030-1 | NUT, HEX, REG, RoHS, M3 | 52 |
| | - | 1 | 1 | 811242-5 | BUMPER, HOLD DOWN | 51 |
| | - | 1 | 1 | 690753-2 | SPACER, TONKER | 50 |
| | - | 1 | 2 | 18023-9 | SCR, SKT HD CAP M4 X 6.0 | 49 |
| | - | - | 1 | 2119652-1 | FEED CAM, PRE FEED | 48 |
| | - | - | 1 | 2119653-1 | FEED CAM, POST FEED | 47 |
| | - | 1 | 1 | 1803583-9 | APPLICATOR BASIC ASSEMBLY, SF | 46 |
| | - | 1 | 1 | 1803515-1 | RAM ASSEMBLY, SF ATLANTIC | 44 |
| | - | 1 | 1 | 1803602-1 | SCR, BHSC, RoHS (M8 X 25) | 41 |
| | - | 1 | 1 | 1-1752356-9 | SUPPORT, TERMINAL | 34 |
| | - | 2 | 2 | 2079383-5 | SCR, BHSC, RoHS (M4 X 20) | 33 |
| | - | 2 | 2 | 2-2844962-3 | SPACER, CYLINDRICAL, STRIP GUIDE | 30 |
| | - | 1 | 1 | 2844992-1 | ASSEMBLY, STRIP GUIDE - | 29 |
| | - | 1 | 1 | 1-455888-0 | SPACER, CRIMPER - | 28 |
| | - | 1 | 1 | 1320928-2 | STRIP GUIDE - | 24 |
| | - | 1 | 1 | 2168083-2 | SCR, SKT HD CAP, RoHS, M4 X 8.0 | 21 |
| | - | 1 | 1 | 1-18028-2 | WASHER, FLAT, REG M4 | 20 |
| | - | 1 | 1 | 2119533-1 | STRIPPER, SIDE FEED | 19 |
| 1 | - | 1 | 1 | 2119806-1 | INSERT, SHEAR | 13 |
| | - | 1 | 1 | 3-22280-3 | SPRING, COMPRESSION | 12 |
| | - | 1 | 1 | 1-356885-4 | STOP, SHEAR | 11 |
| 1 | - | 1 | 1 | 2119805-1 | SHEAR HOLDER, FRONT - | 10 |
| 1 | - | 1 | 1 | 1803095-1 | FLOATING SHEAR, FRONT | 9 |
| 1 | 1 | 1 | 1 | 6-1633139-9 | ANVIL, COMBINATION | 8 |
| | - | 1 | 1 | 1-240641-4 | SPACER | 7 |
| | - | - | - | - | - | 6 |
| | - | 1 | 1 | 2119780-9 | DEPRESSOR, SHEAR - | 5 |
| | - | - | - | - | - | 4 |
| | - | - | - | - | - | 3 |
| | - | - | - | - | - | 2 |
| 1 | 1 | 1 | 1 | 1803125-6 | CRIMPER, WIRE F NON-TYPICAL RK VALUES | 1 |

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS: mm
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±-
3 PLC ±-
4 PLC ±-
ANGLES ±-
MATERIAL - -
FINISH - -

DWN Y YIN 01APR2013
CHK G BAILEY 01APR2013
APVD U GUO 01APR2013
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity
Harrisburg, PA 17105-3608

NAME Ocean Side Feed Applicator -

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-2151516 | - |

CUSTOMER ACCESSIBLE PRODUCTION DRAWING | SCALE 1:2 | SHEET 1 OF 4 | REV F



Downloaded from Arrow.com.

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

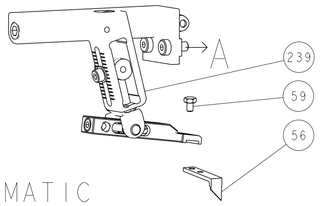
| LOC | DIST |
|---|---|
| A | 66 |

REVISIONS

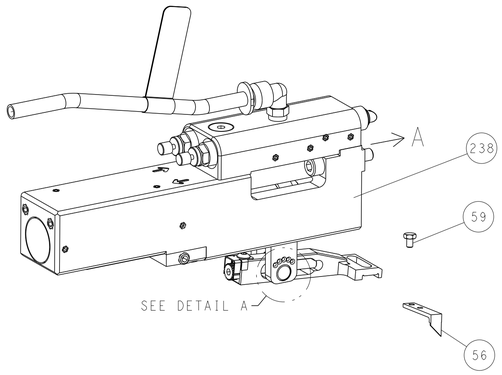
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

# FEED TYPE

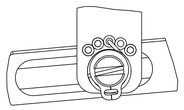
## MECHANICAL



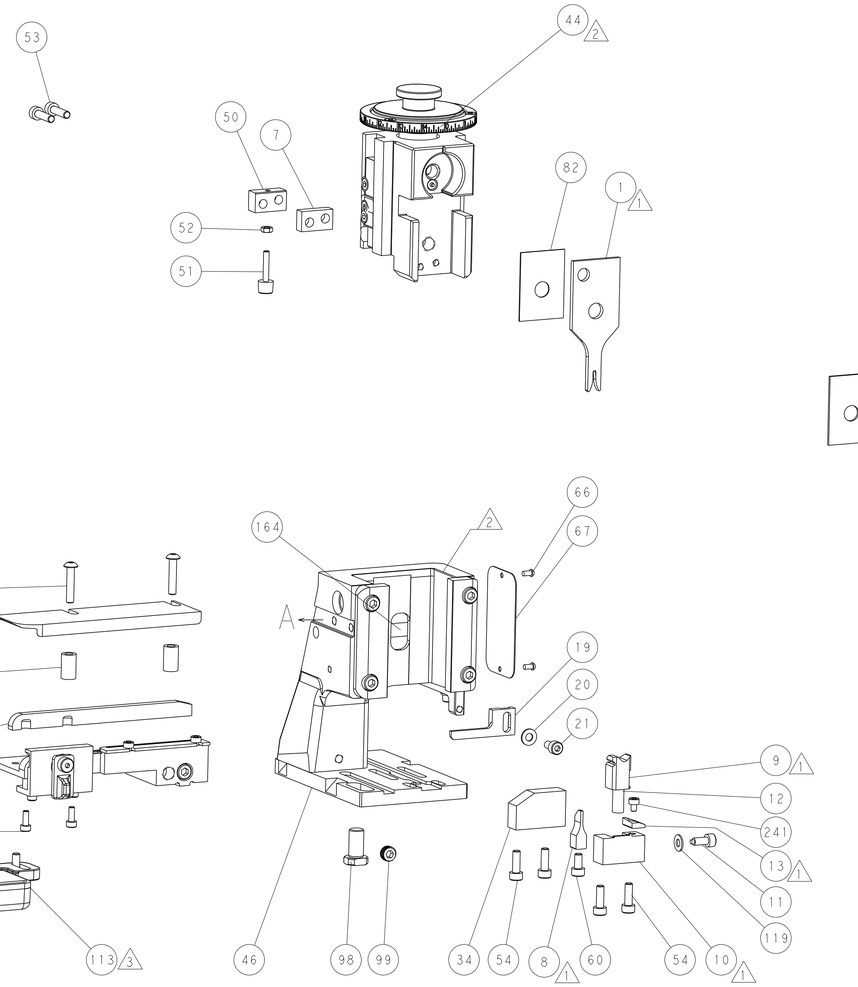

## PNEUMATIC

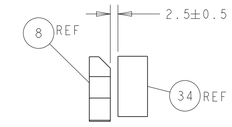



FEED SPRING SETTING POSITION
(SHOWN FROM REAR SIDE)

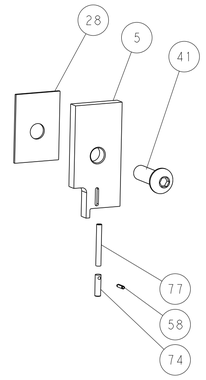


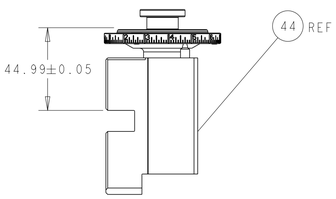
DETAIL A



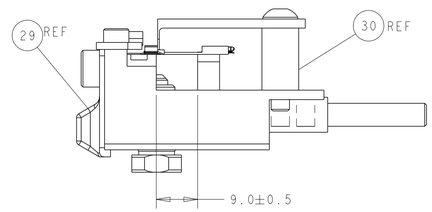

TERMINAL SUPPORT LOCATION



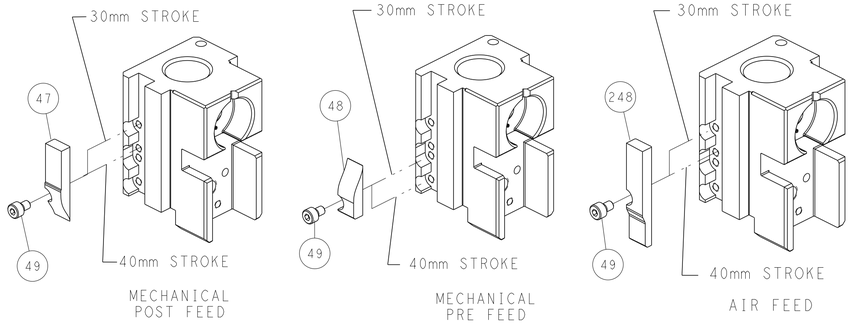

RAM SET-UP

ITEM 30 LOCATED AT
FRONT HOLES




FEED TRACK POSITION
GUIDE BY WIRE BARREL

# CAM POSITIONS




THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE AND THE CONTACT NO ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION

DIMENSIONS: mm

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

MATERIAL -
FINISH -

DWN Y.YIN 01APR2013
CHK G.BAILEY 01APR2013
APVD U.GUO 01APR2013
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity
Harrisburg, PA 17105-3608

NAME Ocean Side Feed Applicator -

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-2151516 | - |

CUSTOMER ACCESSIBLE PRODUCTION DRAWING | SCALE 1:2 | SHEET 2 OF 4 | REV F

AMP 4805 REV 31MAR2000

Downloaded from Arrow.com.