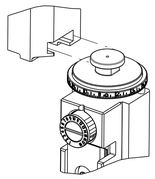
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER

PART NUMBER	REVISION	DESCRIPTION	FEED TYPE	
~~2151019-1~~	K	~~FINE CRIMP HEIGHT ADJUST~~	~~MECHANICAL~~	SUPERSEDED BY 4170025-1
~~2151019-2~~	K	~~FINE CRIMP HEIGHT ADJUST~~	~~PNEUMATIC~~	SUPERSEDED BY 4170025-1
~~5-2151019-1~~	K	STRIPPER SEAL TERMINATING UNIT	~~MECHANICAL~~	SUPERSEDED BY 4170025-1
~~5-2151019-2~~	K	STRIPPER SEAL TERMINATING UNIT	~~PNEUMATIC~~	SUPERSEDED BY 4170025-1
~~7-2151019-1~~	K	MECHANICAL AND CRIMP TOOLING KIT	~~MECHANICAL~~	OBSOLETE
~~7-2151019-2~~	K	PNEUMATIC AND CRIMP TOOLING KIT	~~PNEUMATIC~~	OBSOLETE
7-2151019-7	E	CRIMP TOOLING KIT	-	



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.78 mm [.070]	F
INSUL	2.54 mm [.100]	F
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION
TERMINAL NAME: PIN/SOCKET, MATE-N-LOK		
WIRE STRIP LENGTH 3.96-4.75 mm [.156-.187 IN]		INSULATION DIAMETER RANGE ∅1.02-2.54 mm [.040-.100 IN]
TERMINAL APPLICATION SPECIFICATION	(C)114-1012	(B)114-1011 -
	(A)114-1010	- -

TERMINALS APPLIED

TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
(C) 61115-1	(C) 61314-1	(B) 350560-1	(A) 350570-7
(C) 61116-1	(C) 61314-2	(B) 350561-1	(A) 350699-1
(C) 61116-2	(C) 61314-3	(B) 350561-2	(A) 350699-2
(C) 61116-3	(C) 61314-4	(B) 350561-3	(A) 350699-3
(C) 61116-4	(C) 61314-5	(B) 350561-5	(A) 350699-5
(C) 61116-5	(C) 61314-6	(B) 350561-7	(A) 350699-7
(C) 61116-6	(C) 61314-7	(B) 350561-8	(A) 350699-8
(C) 61116-7	(C) 61314-8	(A) 350570-1	(A) 350851-1
(C) 61116-8	(C) 61527-2	(A) 350570-2	(A) 350851-2
(C) 61116-9	(C) 170147-1	(A) 350570-3	(A) 350851-7
(C) 1-61116-3	(C) 170147-2	(A) 350570-6	

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT △4 REFERENCE SETTING
18 AWG	1.22+/-0.05 [.048+/-.002]	6.1
20 AWG	1.09+/-0.05 [.043+/-.002]	7.7
22 AWG	1.02+/-0.05 [.040+/-.002]	8.4
24 AWG	0.96+/-0.05 [.038+/-.002]	8.8

△1 RECOMMENDED SPARE PARTS

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

△3 APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 180. APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242.

△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.

LOC A DIST 66

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	H	ECR-17-006129	27APR2017	TB	GB
	J	ECR-18-003867	13MAR2018	LG	JD
	K	ECR-21-006763	07JUL2021	JWC	TE
	K2	ECR-26-275234	31MAR2026	AP	GB

	-77	-72	-71	-52	-51	-2	-1	PART NO	DESCRIPTION	ITEM NO
	-	OBSOLETE						1803515-3	RAM ASSEMBLY, SF ATLANTIC	293
	-	OBSOLETE						2-1803583-1	APPLICATOR BASIC ASSEMBLY, SF	292
	-	2	2	2	2	2	2	2168083-1	SCR, SKT HD CAP, RoHS, M3 X 8.0	271
	-							1-690438-0	FRONT STRIP GUIDE	270
	-							2119641-1	FEED CAM, AIR FEED	248
	-							2119082-4	CAM, SNAIL, INSULATION ADJUSTMENT	244
	-							2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
△3	-							2119083-1	RETAINER, INSULATION DIAL	242
	-							7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
	-							2119580-1	MECHANICAL FEED ASSEMBLY	239
	-							2844940-1	AIR FEED MODULE	238
	-							4-1722335-3	STRIPPER, SIDE FEED	182
	-							1-5018030-0	NUT, HEX, REG, RoHS, M3.5	181
△3	-							1-1752354-9	STANDOFF,HOLD-DOWN	180
	-							993111-1	PIN, SLOTTED SPRING 3.0 X 20.0	177
	-							5-22280-0	SPRING, COMPRESSION	176
	-							1752353-3	GUIDE PIN,HOLDDOWN	175
	-							1901680-2	GUIDE PIN,HOLDDOWN	174
	-	REF	REF	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
	-							1-18028-2	WASHER, FLAT, REG M4	119
	-							2844908-1	SCREW, LOCKING	99
	-							2844907	POST, LOCKING	98
	-							455888-4	SPACER, CRIMPER -	82
	-							1803607-3	DOCUMENTATION PACKAGE	71
	-							2119791-6	DEPRESSOR, WIRE	70
	-							2119740-1	TAG,IDENTIFICATION	67
	-	2	2	2	2	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
	-	2	2	2	2	2	2	2-18032-5	SCR, SET, FLT PNT, M5 X 20.0	61
	-							2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	60
	-							5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
	-							1338685-1	PAWL, FEED	56
	-	4	4	4	4	4	4	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	54
	-	2	2	2	2	2	2	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	53
	-							5018030-1	NUT, HEX, REG, RoHS, M3	52
	-							811242-5	BUMPER, HOLD DOWN	51
	-							690753-2	SPACER, TONKER	50
	-		2		2		2	18023-9	SCR, SKT HD CAP M4 X 6.0	49
	-							2119652-1	FEED CAM, PRE FEED	48
	-							2119653-1	FEED CAM, POST FEED	47
	-							1803583-9	APPLICATOR BASIC ASSEMBLY, SF	46
	-							1803515-1	RAM ASSEMBLY, SF ATLANTIC	44
	-							1803602-1	SCR, BHSC, RoHS (M8 X 25)	41
	-							1752356-3	SUPPORT, TERMINAL	34
	-	2	2	2	2	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
	-	2	2	2	2	2	2	2-2844962-8	SPACER, CYLINDRICAL, STRIP GUIDE	30
	-							2844992-3	ASSEMBLY, STRIP GUIDE -	29
	-	2	2	2	2	2	2	22283-1	SPRING, COMPRESSION	27
	-							356835-1	LEVER, DRAG RELEASE	26
	-							240792-5	DRAG, TERMINAL	25
	-							1320928-2	STRIP GUIDE -	24
	-							980371-4	SCR, SKT HD SHLDR 5.0 DIA X 6.0	23
	-							2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	21
	-	2	2			2	2	1-18028-2	WASHER, FLAT, REG M4	20
	-							2119533-1	STRIPPER, SIDE FEED	19
△1	-							2119806-1	INSERT, SHEAR	13
	-							3-22280-3	SPRING, COMPRESSION	12
	-							1-356885-4	STOP, SHEAR	11
△1	-							2119805-1	SHEAR HOLDER, FRONT -	10
△1	-							1803095-3	FLOATING SHEAR, FRONT	9
△1	1	2	2					1338692-1	ANVIL, COMBINATION .070	8
	-							3-240641-8	SPACER	7
	-							2119757-8	DEPRESSOR, SHEAR	5
	-							2-238011-2	BLOCK, CRIMPER SPACER -	4
△1	1	2	2					1-2119582-0	CRIMPER, INSULATION F PREMIUM	3
	-							455888-6	SPACER, CRIMPER -	2
△1	1	2	2					1-456404-8	CRIMPER, WIRE PREMIUM	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.

DWN L.ZHANG 24AUG2011
CHK L.ZHANG 24AUG2011
APVD S.XI 24AUG2011
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

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

TE Connectivity
Harrisburg, PA 17105-3608

NAME Ocean Side Feed Applicator -

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-2151019 | RESTRICTED TO -

Customer Accessible Production Drawing | SCALE 1:2 | SHEET 1 OF 4 | REV K2

Downloaded from Arrow.com.

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

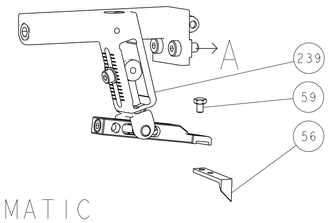
LOC	DIST
A	66

REVISIONS

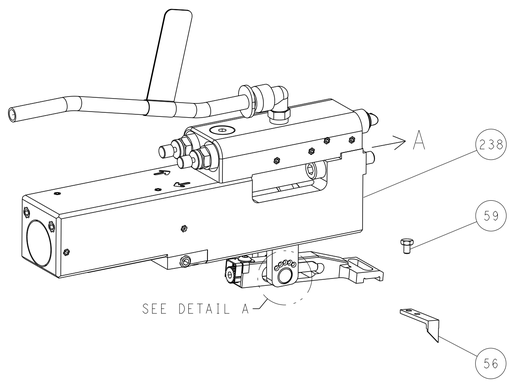
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

FEED TYPE

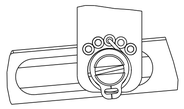
MECHANICAL



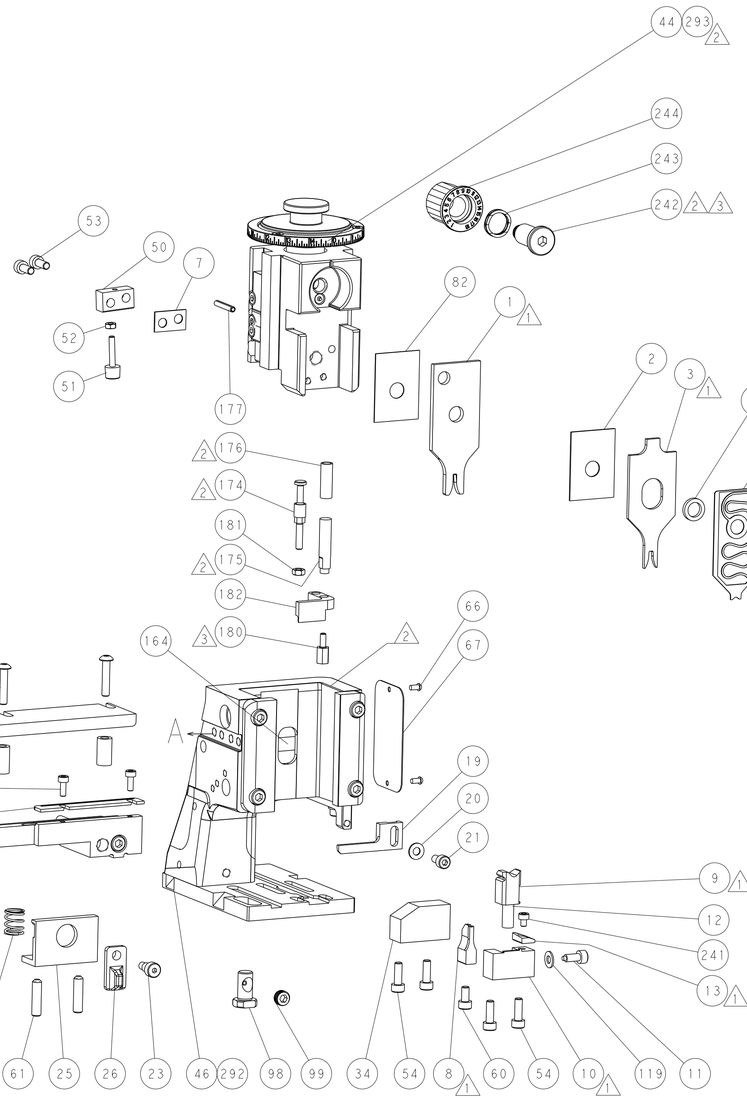
PNEUMATIC

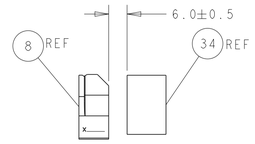


FEED SPRING SETTING POSITION
(SHOWN FROM REAR SIDE)

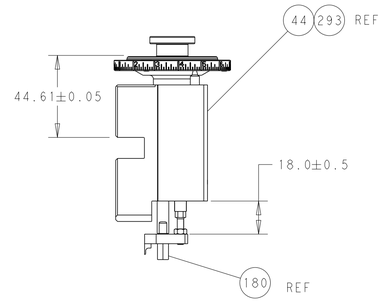


DETAIL A



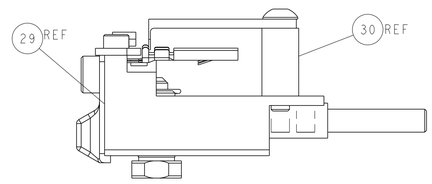


TERMINAL SUPPORT LOCATION



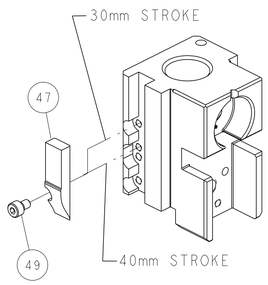
RAM & HOLD DOWN SET-UP

ITEM 30 LOCATED AT
FRONT HOLES

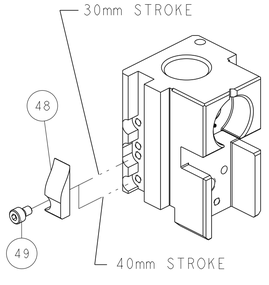


FEED TRACK POSITION
GUIDE BY INSULATION BARREL

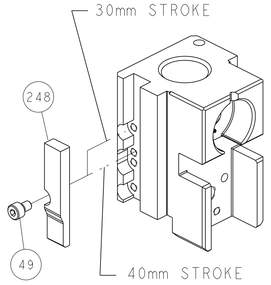
CAM POSITIONS



MECHANICAL
POST FEED



MECHANICAL
PRE FEED



AIR FEED

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	L.ZHANG	24AUG2011
CHK	L.ZHANG	24AUG2011
APVD	S.XI	24AUG2011
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-2151019	-

Customer Accessible Production Drawing | SCALE 1:2 | SHEET 2 OF 4 | REV K2

Downloaded from Arrow.com.