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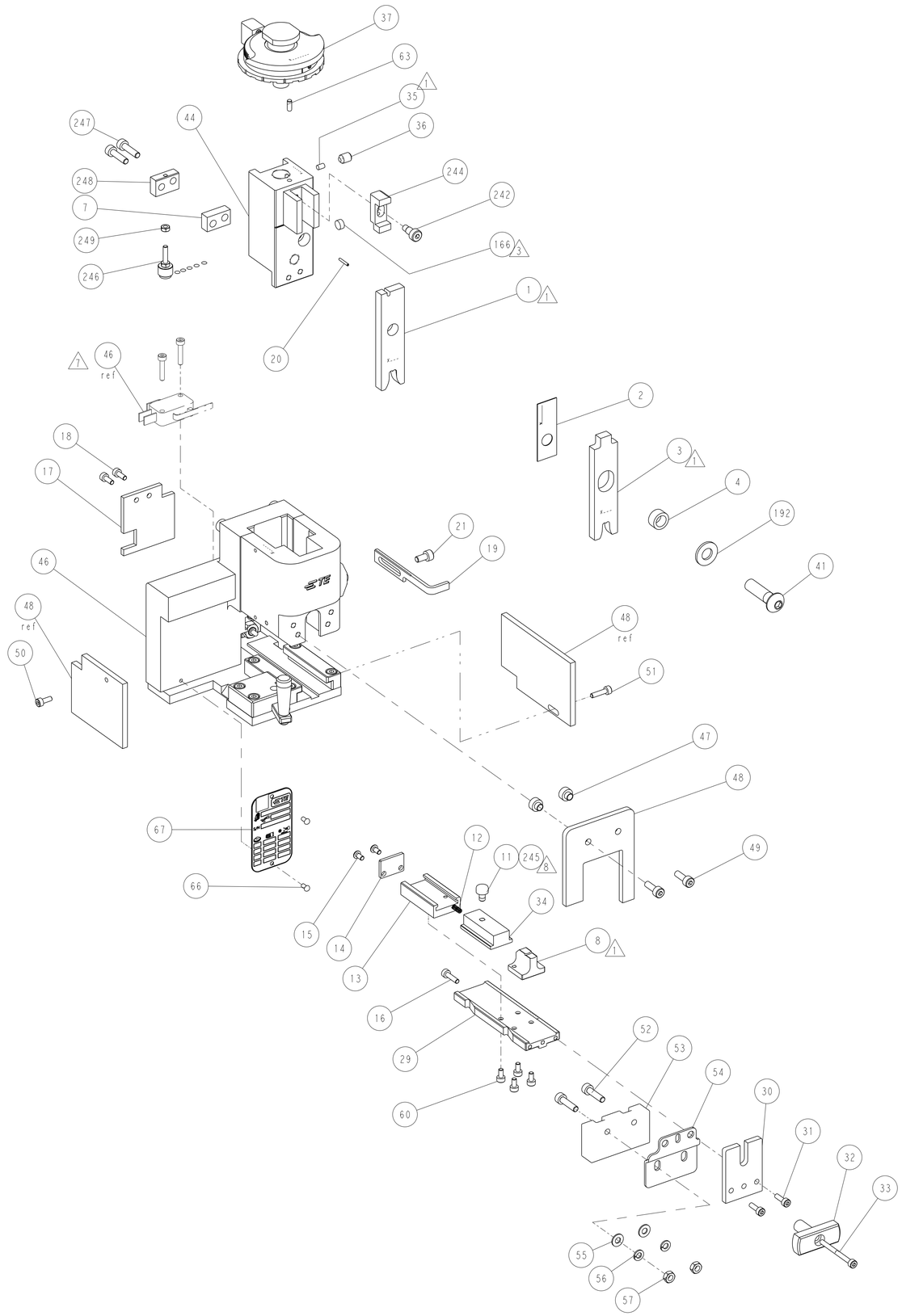
PART NUMBER	REVISION	DESCRIPTION
2383144-1	A	Mini Applicator-LP
7-2383144-7	A	Crimp Tooling Kit-LP

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	1	DEVELOPMENT	10DEC2020	JAH	DSO
	2	ADDED TERMINAL	01FEB2021	JAH	DSO
	A	RELEASED	09SEP2021	JAH	RG

CRIMP DATA			
EYELET TERMINAL			
WIRE ADJUSTMENT DISC POSITION	CRIMP HEIGHT		WIRE SIZE
A5	4.15mm [.163 IN]		4 mm²
WIRE STRIP LENGTH 9.00mm		TERMINAL APPLICATION SPECIFICATION ROYAL R8712-M6	
CRIMPER	CRIMP WIDTH	CRIMPER PROFILE	APPLICATOR FEED
WIRE CRIMPER	5.70mm [.224 IN]	F	-
INS. CRIMPER	5.78mm [.228 IN]	F	
INSULATION RANGE 1.25-1.67mm	WIRE RANGE 4 mm²		GAUGE 1707132-1
TERMINALS APPLIED: 8			
TE TERMINAL	ROYAL TERMINAL	TE TERMINAL	ROYAL TERMINAL
2383373-1	R8712-M6	2383373-2	R8712-M8

CRIMP DATA			
EYELET TERMINAL			
WIRE ADJUSTMENT DISC POSITION	CRIMP HEIGHT		WIRE SIZE
A5	4.15mm [.163 IN]		4 mm²
WIRE STRIP LENGTH 8.50 ± 0.50mm		TERMINAL APPLICATION SPECIFICATION ROYAL 45645918 (1/18/2019)	
CRIMPER	CRIMP WIDTH	CRIMPER PROFILE	APPLICATOR FEED
WIRE CRIMPER	5.70mm [.224 IN]	F	-
INS. CRIMPER	5.78mm [.228 IN]	F	
INSULATION RANGE 1.25-1.67mm	WIRE RANGE 4 mm²		GAUGE 1707132-1
TERMINALS APPLIED: 8			
TE TERMINAL	ROYAL TERMINAL	TE TERMINAL	ROYAL TERMINAL
2393859-1	R9455-A	-	-



-	1	18029-1	NUT, HEX, REG M3	249
-	1	690753-6	SPACER, TONKER	248
-	2	1-18023-3	SCR, SKT HD CAP M4 X 16.0	247
-	1	811242-5	BUMPER, HOLD DOWN	246
8 -	1	2-2076342-3	POSITIONER PIN	245
-	1	690402-8	BLOCK, INSULATION ADJUSTMENT	244
-	1	1707121-2	SCREW, SOCKET HD SHOULDER	242
-	1	1-18028-0	WASHER, FLAT, REG M8	192
3 -	1	994969-1	MAGNET, RARE EARTH, HIGH ENERGY	166
-	1	2119740-1	TAG,IDENTIFICATION	67
-	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
-	1	1-992946-4	PIN, DOWEL 3 X 8	63
-	4	18023-2	SCR, SKT HD CAP M3 X 6.0	60
-	2	5018030-2	NUT, HEX, REG, RoHS, M4	57
-	2	1-18026-0	WASHER, SPRG LOCK, REG M4	56
-	2	1-18028-2	WASHER, FLAT, REG M4	55
-	1	2844821-1	BRACKET, ACTUATOR, MINI-SIZE	54
7 -	1	2168489-1	ACTUATOR, SPARE, MC1	53
-	2	2168083-8	SCR, SKT HD CAP, RoHS, M4 X 16	52
-	1	18023-5	SCR, SKT HD CAP M3 X 12.0	51
-	1	18023-3	SCR, SKT HD CAP M3 X 8.0	50
-	2	1-18023-2	SCR, SKT HD CAP M4 X 12.0	49
-	1	1707831-7	APPLICATOR GUARD	48
-	2	1707368-1	SPACER, APPL. GUARD	47
-	1	2077852-1	APPLICATOR BASIC ASSEMBLY, MINI-LP	46
-	1	1707115-1	RAM, MINI APPLICATOR	44
-	1	2-18024-7	SCR, BTN SKT HD CAP (M8 X 30.0)	41
-	1	2077830-1	WIRE DISC, FINE ADJUST.	37
-	1	18032-8	SCR, SET, FLT PNT, M6 X 8.0	36
-	1	690191-1	PLUG,NYLON	35
-	1	1-2077746-6	SLIDING BLOCK	34
-	1	9-18023-4	SCR, SKT HD CAP M3 X 35.0	33
-	1	1707779-1	KNOB	32
-	2	18023-4	SCR, SKT HD CAP M3 X 10.0	31
-	1	624887-5	APPLICATOR GUARD	30
-	1	1-1707825-8	GUIDE BLOCK -	29
-	1	1-18023-0	SCR, SKT HD CAP M4 X 8.0	21
-	1	1-993111-0	PIN, SLOTTED SPRING 1.5 X 10.0	20
-	1	571417-4	STRIPPER	19
-	2	18023-3	SCR, SKT HD CAP M3 X 8.0	18
-	1	2076888-1	REAR APPLICATOR GUARD	17
-	1	18023-5	SCR, SKT HD CAP M3 X 12.0	16
-	2	18024-1	SCR, BTN SKT HD CAP (M3 X 6.0)	15
-	1	2-1707957-2	REAR COVER	14
-	1	2077745-9	BASE BLOCK	13
-	1	22278-4	COMPRESSION SPRING	12
8 -	1	2-2076342-2	POSITIONER PIN	11
1 1	1	3-1707820-0	ANVIL, SPECIAL	8
-	1	2-240641-5	SPACER, SLUG BLADE	7
-	1	4-238011-4	BLOCK, CRIMPER SPACER	4
1 1	1	2077758-2	INSULATION CRIMPER, F	3
-	1	690407-4	SPACER, CRIMPER	2
1 1	1	2077759-2	WIRE CRIMPER F	1
-77	-1	PART NO	DESCRIPTION	ITEM NO

NOTES:

1. RECOMMENDED SPARE PARTS
2. GREASE BEARING SURFACES LIGHTLY
3. MAGNET, ITEM 166, MUST BE ORIENTED CORRECTLY IN ORDER TO PROPERLY ACTUATE THE COUNTER.
4. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.
5. APPLICATOR TO BE USED ON BENCH TERMINATORS ONLY.
6. RECOMMENDED TERMINATORS:
   * GII TERMINATOR FOR LOOSE PIECE APPLICATORS PN 2374600-1 OR 2374600-2 (W/ CQM).
   * GII+ TERMINATOR FOR LOOSE PIECE APPLICATORS PN 2844810-1 OR 2844810-2 (W/ CQM).
7. WHEN WORKING IN THE GII OR GII+ TERMINATOR THE INSTALLATION OF MICROSWITCH (ASSEMBLED IN APPLICATOR BASIC ASSY, ITEM #46) IN THE TERMINATOR IS NOT NEEDED. THE INSTALLATION OF THE MICROSWITCH IS MANDATORY ONLY FOR TERMINATORS THAT DO NOT FEATURE THE MAGNETIC ACTUATOR ITEM #53.
8. SEE CHART TO SELECT PROPER POSITIONER PIN:

ROYAL TERMINAL PART NUMBER	USE ITEM NUMBER
R8712-M6	11
R8712-M8	245
R9455-A	245

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

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

MATERIAL: TBD

FINISH: -

DWN J. HAYNES 10DEC2020
CHK J. HAYNES 10DEC2020
APVD D. OLIVIERA 10DEC2020

PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME: LOOSE PIECE MINI APPLICATOR

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2383144	-

CUSTOMER ACCESSIBLE PRODUCTION DRAWING | SCALE 3:5 | SHEET 1 OF 1 | REV A

4805 (3/13)