



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



8

7

6

5

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

20

BY TYCO ELECTRONICS CORPORATION, ALL RIGHTS RESERVED.

20

PART NUMBER

REV

FEED TYPE

DESCRIPTION

PROGRAMMED MEMORY CHIP

2151052-1

A

MECHANICAL

FINE CRIMP HEIGHT ADJUST

-

2151052-2

A

PNEUMATIC

FINE CRIMP HEIGHT ADJUST

-

2151052-5

A

SERVO

FINE CRIMP HEIGHT ADJUST

8-2151052-5

2151052-6

A

SERVO

NON-CRIMP HEIGHT ADJUST

8-2151052-6

2151052-7

A

NONE

FINE CRIMP HEIGHT ADJUST

-

7-2151052-7

A

-

SPARE PARTS KIT

-

APPLICATOR DATA

CRIMP

SIZE

TYPE

WIRE

1.40 mm [.055]

F

INSUL

2.03 mm [.080]

O

APPL INSTRUCTIONS

408-10389

TERMINAL DATA: TE TERMINAL

TE CRIMP SPEC

TERMINAL NAME: MICRO QUADLOK SYSTEM SOCKET CONTACT

WIRE STRIP LENGTH

INSULATION DIAMETER RANGE

3.35-3.65 mm [.132-.144 IN]

Ø1.40-1.90 mm [.055-.075 IN]

TERMINAL

114-18021

-

APPL SPEC

-

-

TERMINALS APPLIED

TE TERMINAL

TE TERMINAL

TE TERMINAL

TE TERMINAL

963715-1

1-963716-2

1801529-1

1379418-2

963715-5

968221-1

1801529-2

1703282-1

963715-6

968221-5

1241920-1

1703282-2

1-963715-5

968221-6

1703298-1

-

963716-1

1452013-1

1703298-5

-

963716-2

1-1452013-1

1379418-1

-

WIRE SIZE

CRIMP HEIGHT

mm [INCH]

FINE ADJUST

REF SETTING*

0.75mm2

1.07+/-0.05 [.042+/- .002]

6.5

0.50mm2

0.93+/-0.05 [.037+/- .002]

8.1

RECOMMENDED SPARE PARTS

GREASE BEARING SURFACES LIGHTLY

LUBRICATE DAILY PER THE APPLICATOR INSTRUCTION SHEET SUPPLIED WITH THE APPLICATOR.

APPLICATOR SPECIFIC DATA TO BE ENTERED INTO BLANK MEMORY CHIP AT ASSEMBLY.

TO CONVERT THE APPLICATOR TO A NON-CARRIER CUTTING STYLE, REMOVE ITEM 13 AND ATTACH TO THE LOCATION INDICATED.

POSITIONAL ADJUSTMENTS OF THE STRIPPER MAY BE REQUIRED WHEN MOVING THE APPLICATOR BETWEEN BENCH AND LEADMAKER APPLICATIONS.

FOR THE PACIFIC VERSION OF THIS APPLICATOR, SEE LOG 2151052-9

GREASE THREADS, GROOVE AND O-RING ON ITEMS 35, & 252.

MAGNET, ITEM 166 MUST BE ORIENTED CORRECTLY IN ORDER TO PROPERLY ACTUATE THE COUNTER.

APPLY PART NUMBER 1-23415-9 LOCTITE TO THREADS OF ITEM 50.

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

SPARE FEED CAM STORAGE LOCATION REFER TO INSTRUCTION SHEET 408-10389 SECTION 2.1 FIGURE 5.

13.APPLICATOR WITH MECHANICAL FEED SYSTEMS CAM SETUP REFER TO APPLICATION SPECIFICATION 408-10389 SECTION 2.1 FIGURE 5.

14.ON INSTALLATION, SET WIRE DISC, ITEM 40 TO LARGEST WIRE SIZE SETTING. USE OF SETTINGS BELOW MINIMUM REQUIRED CRIMP HEIGHT SETTING WILL CAUSE DAMAGE TO CRIMP TOOLING.

PART REQUIRED FOR FEED CONVERSIONS

FEED VER. TO CONVERT TO

RETROFIT KIT

ADDITIONAL PARTS REQ'D

MECHANICAL

2119949-1

56

PNEUMATIC

2119950-1

56

SERVO

2119951-1

135 & 240

30mm STROKE

47

49

MECH. POST FEED

30mm STROKE

48

49

MECH. PRE FEED

30mm STROKE

248

49

AIR FEED

ITEM 30 LOCATED AT FRONT HOLES

29 REF

30 REF

FEED TRACK POSITION GUIDE BY INSULATION BARREL

1.52±0.50

[0.060±0.019]

8 REF

34 REF

TERMINAL SUPPORT LOCATION

15.12

[0.595]

HOLDDOWN SET-UP

37

40

62

38

260

39

252

35

166

63

247

246

44

245

244

243

242

82

1

3

4

28

5

41

77

74

58

19

20

21

60

54

34

8

241

11

60

54

34

8

13

9

12

10

46

32

29

135

133

240

198

33

24

30

29

163

136

137

172

177

176

174

52

175

230

179

51

50

250

249

59

250

249

59

REVISIONS

SERVO FEED FINGER

2119944-1

SET UP GAUGE

2119599-1

LOC

A

DIST

66

REV

DATE

OWN

APVD

1

ORIGINAL

30NOV2010

GH

GB

A

RELEASED

25MAY2011

LG

TE

A1

ECR-11-018865

14SEP2011

BW

TE

-

-

-

-

1

-

2119641-1

FEED CAM, AIR FEED

248

-

1

-

1

1

1

2119798-1

DETENT PIN

247

-

1

-

1

1

1

1-22279-3

SPRING, COMPRESSION

246

-

-

1

-

-

-

2119758-1

RAM, AMP STYLE, SIDE FEED, NON-ADJ.

245

-

1

1

1

1

1

2119082-5

CAM, SNAIL, INSULATION ADJUSTMENT

244

-

1

1

1

1

1

2079764-1

WASHER, WAVE SPRING, CREST-TO-CREST

243

-

1

1

1

1

1

2119083-1

RETAINER, INSULATION DIAL

242

-

1

1

1

1

1

18023-1

SCR, SKT HD CAP M3 X 5.0

241

-

-

2

2

-

-

2168084-6

SHCS, LOW HEAD, RoHS, M5 X 16

240

-

-

-

-

-

1

2119580-1

MECHANICAL FEED ASSEMBLY

239

-

-

-

-

1

-

2063440-1

AIR FEED MODULE

238

-

2

2

2

2

2

1-2079383-0

SCR, BHSC, RoHS (M3 X 6)

230

-

-

1

1

-

-

2119740-2

TAG, IDENTIFICATION

213

-

-

-

-

-

-

1901094-3

SPACER, FEEDER

198

-

1

1

1

1

1

1976053-4

LOCATER BLOCK, TERMINAL

179

-

1

1

1

1

1

993111-1

PIN, SLOTTED SPRING 3.0 X 20.0

177

-

1

1

1

1

1

8-22280-7

SPRING, COMPRESSION

176

-

1

1

1

1

1

1752353-2

GUIDE PIN, HOLDDOWN

175

-

1

1

1

1

1

1901680-2

GUIDE PIN, HOLDDOWN

174

-

-

-

-

2

-

21045-3

RING, RETAIN, EXTERN, 3/16 CRESCENT

172

-

1

1

1

1

1

994969-1

MAGNET, RARE EARTH HIGH ENERGY

166

-

-

-

-

1

-

240638-1

SPRING, FEED FINGER

163

-

-

-

-

1

-

3-23627-7

PIN, RETAIN, GRVD, 3/16 X .854

137

-

-

-

-

1

-

2119799-1

HOLDER, FEED FINGER, AF

136

-

-

REF

REF

-

-

SEE TABLE

MEMORY CHIP, PROGRAMMED

135

-

-

1

1

-

-

1633743-1

SERVO FEED LATCH ASM

133

-

1

1

1

1

1

455888-6

SPACER, CRIMPER

82

-

1

1

1

1

1

5-547505-2

SPRING, COMPRESSION

77

-

1

1

1

1

1

854769-4

HOLDER, INS

74

-

1

1

1

1

1

2119956-1

DOCUMENTATION PACKAGE

71

-

1

-

-

1

1

2119740-1

TAG, IDENTIFICATION

67

-

2

2

2

2

2

2168078-1

SCREW, DRIVE, RH, RoHS

66

-

1

-

1

1

1

2119793-1

LIMITER, ADJUSTMENT BOLT

63

-

3

-

3

3

3

992763-4

SCR, SET, SOC, CONE POINT, M3 x 3.0

62

-

1

1

1

1

1

2079383-4

SCR, BHSC, RoHS (M4 X 8)

60

-

-

-

-

1

1

5-18022-5

SCR, HEX HD CAP, M4 X 6.0

59

-

1

1

1

1

1

21028-2

PIN, SLOTTED SPRING .062 X .250

58

-

-

-

-

1

1

1338685-1

PAWL, FEED

56

-

4

4

4

4

4

2168084-1

SHCS, LOW HEAD, RoHS, M4 X 12

54

-

1

1

1

1

1

1-5018030-0

NUT, HEX, REG, RoHS, M3.5

52

-

1

1

1

1

1

1901681-4

HOLDDOWN, TERMINAL

51

-

1

1

1

1

1

1-1752354-8

STANDOFF, HOLD-DOWN

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

1

1

1

2119656-9

APPLICATOR BASIC ASSEMBLY, SF

46

-

1

-

1

1

1

2119370-1

RAM, AMP STYLE, SIDE FEED

44

-

1

1

1

1

1

2079383-7

SCR, BHSC, RoHS (M8 X 25)

41

-

1

-

1

1

1

2119645-1

DISC, NUMBERED FA WIRE ADJUSTMENT

40

-

1

-

1

1

1

2119957-1

APPLICATOR SHIM PACK

39

-

1

1

1

1

1

2119644-1

RAM WASHER, PRECISION

38

-

1

1

1

1

1

2119085-1

FA HEAD, ATLANTIC STYLE

37

-

1

-

1

1

1

2119092-1

BOLT, ADJUSTMENT

35

-

1

1

1

1

1

2-1752356-0

SUPPORT, TERMINAL

34

-

2

2

2

2

2

2079383-5

SCR, BHSC, RoHS (M4 X 20)

33

-

1

1

1

1

1

2161328-1

HEX HEAD, FLANGED, M5 x 8mm LONG

32

-

1

1

1

1

1

1320908-6

SPACER, STRIP GUIDE

30

-

1

1

1

1

1

2119959-1

ASSEMBLY, STRIP GUIDE

29

-

1

1

1

1

1

455888-3

SPACER, CRIMPER

28

-

1

1

1

1

1

1320928-2

PLATE, STRIP GUIDE

24

-

1

1

1

1

1

2168083-2

SCR, SKT HD CAP, RoHS, M4 X 8.0

21

-

1

1

1

1

1

1-18028-2

WASHER, FLAT, REG M4

20

-

1

1

1

1

1

2119533-1

STRIPPER, SIDE FEED

19

1

-

1

1

1

1

2119806-1

INSERT, SHEAR

13

-

1

1

1

1

1

3-22280-3

SPRING, COMPRESSION

12

-

1

1

1

1

1

356885-5

STOP, SHEAR

11

1

-

1

1

1

1

2119805-1

SHEAR HOLDER, FRONT

10

1

-

1

1

1

1

2-462006-4

FLOATING SHEAR, FRONT

9

1

1

1

1

1

1

1-1338690-1

ANVIL, COMBINATION .055

8

-

1

1

1

1

1

2119780-9

DEPRESSOR, SHEAR

5

1

-

1

1

1

1

1-238011-8

BLOCK, CRIMPER SPACER

4

1

1

1

1

1

1

2-2119784-2

CRIMPER, INSULATION O PREMIUM

3

1

1

1

1

1

1

1633738-4

CRIMPER, WIRE

1

-77

-7

-6

-5

-2

-1

PART NO

DESCRIPTION

ITEM NO

TE CONNECTIVITY CORPORATION

30NOV2010

G. HOFFNER

01DEC2010

G. BAILEY

01DEC2010

G. BAILEY

01DEC2010

NAME

Ocean Side Feed

Atlantic Style Applicator

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

1

2

REV

A1

AMP 4805 REV 31MAR2000

Prs/ENGINEER DRAWING

1

LOC	DIST	REVISIONS					
A	66	P	LYR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

-	-	1	-	-	-	2119957-2	APPLICATOR SHIM PACK	260
-	1	-	1	1	1	8-21084-0	O-RING, .676 ID, .070 DIA. MAT.	252
-	-	-	-	1	-	2119640-1	PUSH ROD, AIR FEED	250
-	-	-	-	1	-	2079988-1	BUSHING, LCH5-12, MISUMI	249
-77	-7	-6	-5	-2	-1	PART NO	DESCRIPTION	ITEM NO

THIS DRAWING IS UNPUBLISHED. IT IS THE PROPERTY OF TYCO ELECTRONICS CORPORATION. IT IS TO BE USED ONLY FOR THE PURPOSES SPECIFIED HEREIN. IT IS TO BE RETURNED TO TYCO ELECTRONICS CORPORATION IF IT IS NOT SO USED. IT IS TO BE DESTROYED IF IT IS NOT SO USED. IT IS TO BE DESTROYED IF IT IS NOT SO USED. IT IS TO BE DESTROYED IF IT IS NOT SO USED.

DWN
G. HOFFNER
30NOV2010

CHK
G. BAILEY
01DEC2010

APVD
G. BAILEY
01DEC2010

NAME
TE Connectivity
Harrisburg, PA 17105-3608

NAME
Ocean Side Feed
Atlantic Style Applicator

DIMENSIONS:
mm