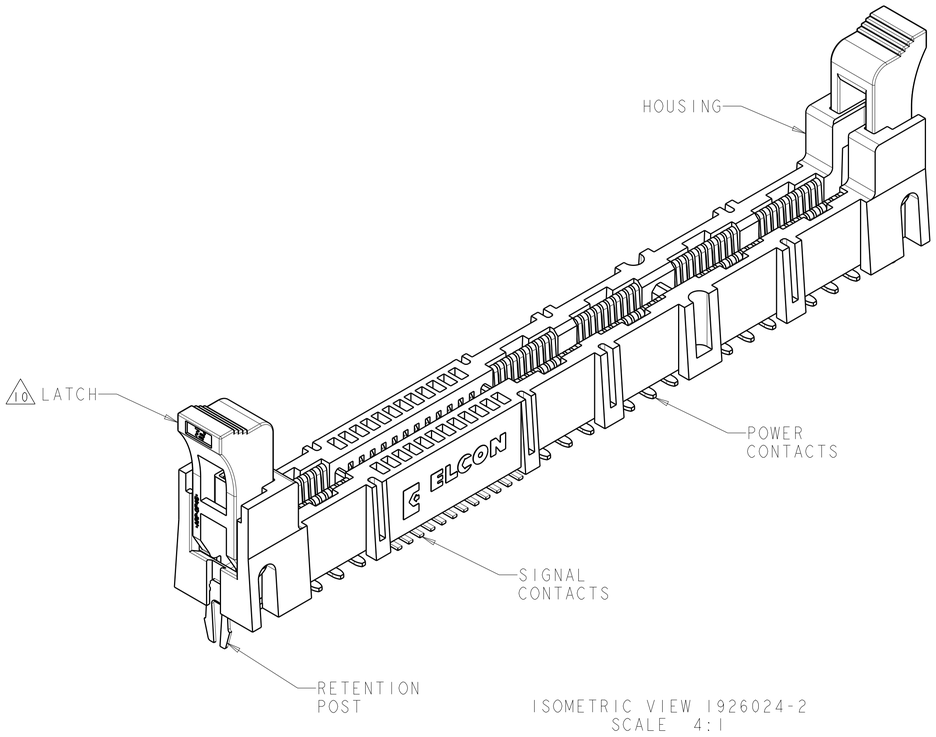
LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	G1	REVISED PER ECO-11-016901	05APR2012	KH	AS
	G2	ADD MODULE EXTRACTION GUIDE	10JUL2012	AY	SZ



ISOMETRIC VIEW 1926024-2
SCALE 4:1

1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO ELECTRONICS APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.

2. MATERIAL:
   HOUSING: GLASS FILLED POLYESTER, COLOR-BLACK
   UL94V-0 FLAMMABILITY RATED
   LATCHES: THERMOPLASTIC, GLASS REINFORCED
   COLOR: BLACK, UL94V-0 FLAMMABILITY RATED
   CONTACTS: COPPER ALLOY
   RETENTION POST: COPPER ALLOY

3. FINISH:
   SIGNAL CONTACTS:
   MATING AREA-0.76µm MIN GOLD OVER 3.81µm MIN NICKEL
   0.64µm MIN NICKEL PLATE OVER REMAINDER
   SMT TAILS-3.81µm MIN MATTE TIN OVER NICKEL PLATE
   POWER CONTACTS:
   1.27µm MIN NICKEL PLATE ALL OVER
   MATING AREA-0.76µm MIN GOLD OVER NICKEL PLATE
   SMT TAILS-3.05µm MIN TIN OVER NICKEL PLATE
   RETENTION POSTS:
   3.05µm MIN MATTE TIN OVER 0.63µm MIN NICKEL

4. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED WITH PART NUMBER AND DATE CODE.

5. MAXIMUM BURR OF 0.013 ON CARD TAB AREA.

6. SET TRACE BACK FROM PC BOARD EDGE. NO SOLDERMASK ALLOWED BETWEEN PC BOARD EDGE AND TRACE.

7. CONNECTOR ACCEPTS 1.57±0.13 THICK PC BOARD.

8. KEEP OUT AREA FOR COMPONENTS ONLY.

9. FEATURE REQUIRED FOR USE WITH EJECTOR.

10. CAUTION:
LATCHES ARE INTENDED FOR RETENTION OF PC BOARD TO CONNECTOR. DO NOT ATTEMPT TO FULLY EJECT PC BOARD FROM CONNECTOR WHILE DISENGAGING LATCHES, DAMAGE TO LATCHES AND OR CONNECTOR MAY OCCUR.

11. RECOMMENDED GOLD FINGER LENGTH FOR RELIABLE CONTACT.

12. DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

13. FOR DESIGN OBJECTIVES SEE 108-2301.

DIM. "A"	PART NUMBER
4.61	1926024-4
4.19	1926024-3
3.68	1926024-2

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±.5
2 PLC ±.25
3 PLC ±-
4 PLC ±-
ANGLES ±2

MATERIAL -2

FINISH 3

DWN N. REESER 18JAN2006
CHK P. D'AMATO 29 AUG 07
APVD N. REESER 18JAN2006
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME SOCKET CONNECTOR WITH LATCH, SMT P2-S24-P8 MINI CROWN EDGE -

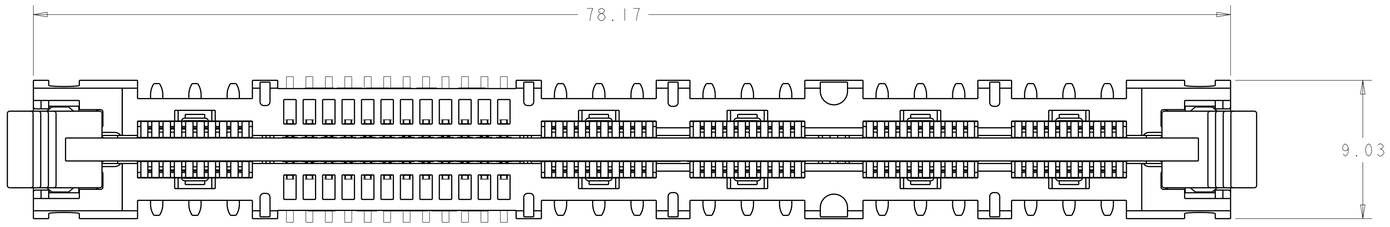
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1926024	-

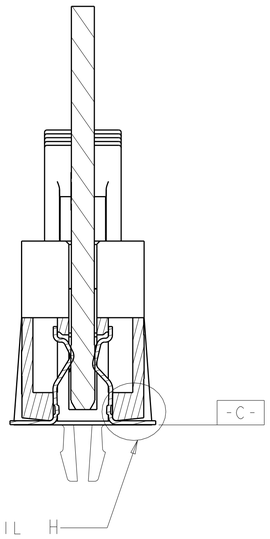
CUSTOMER DRAWING | SCALE 1:1 | SHEET 1 OF 5 | REV G2

LOC	DIST
GP	00

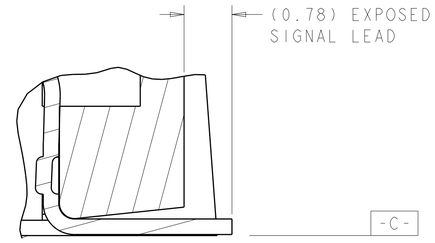
REVISIONS

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

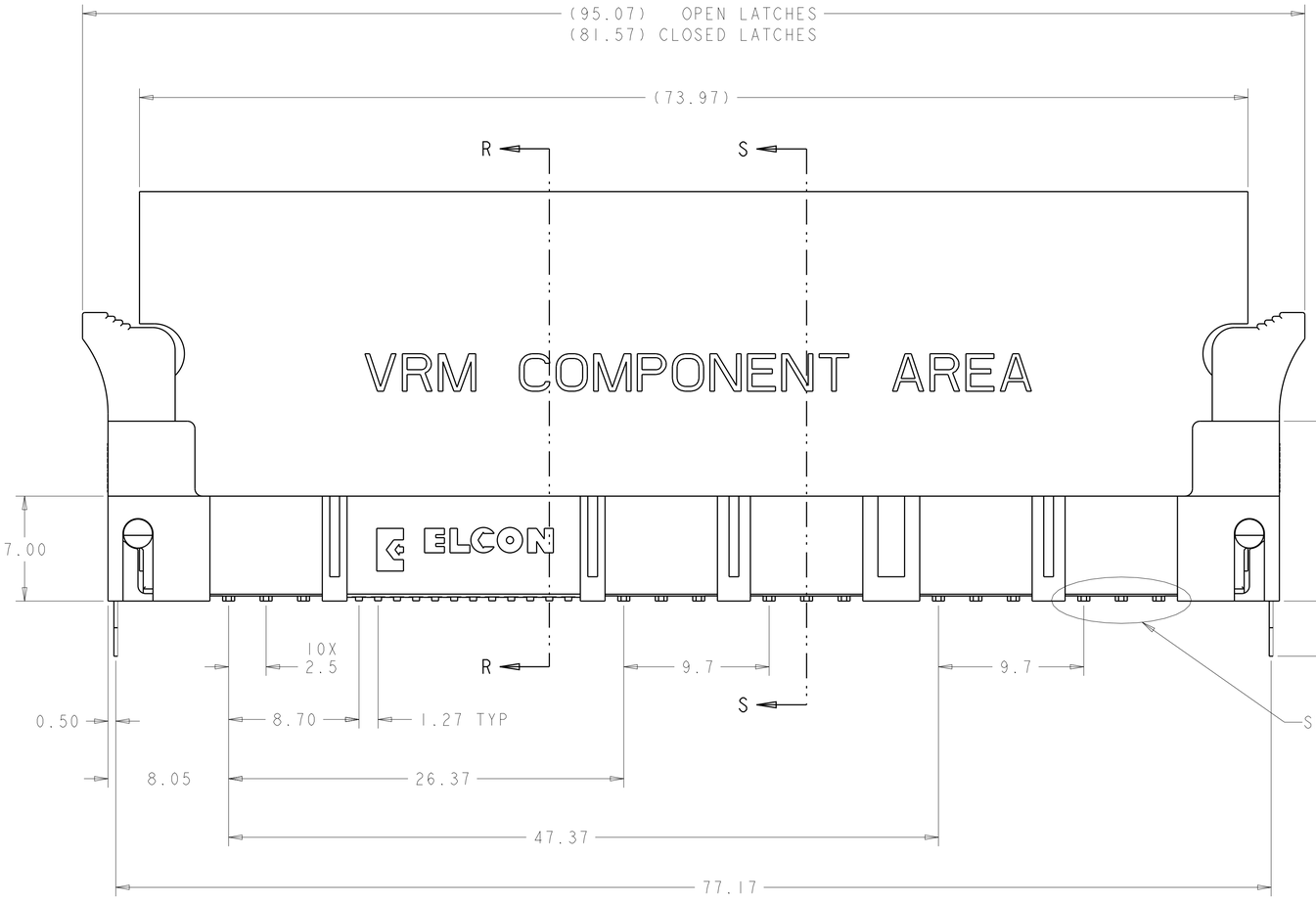


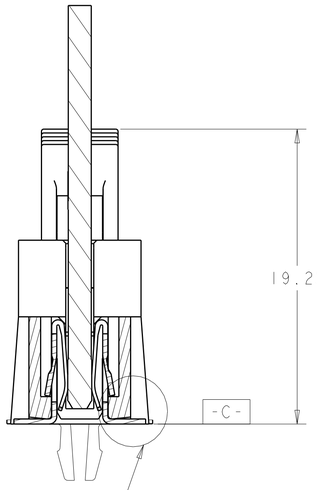


SECTION R-R

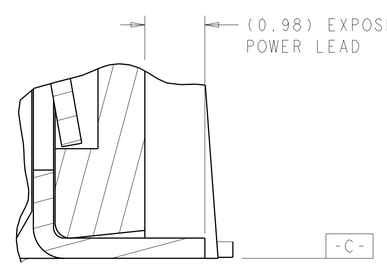


DETAIL H
SCALE 20:1

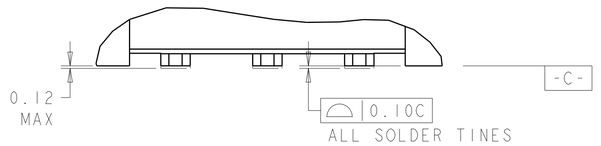




SECTION S-S



DETAIL G
SCALE 20:1



DETAIL Z
SCALE 12:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±.5
2 PLC ±.25
3 PLC ±-
4 PLC ±-
ANGLES ±2

MATERIAL -
FINISH -

DWN	N. REESER	18JAN2006
CHK	P. D'AMATO	29 AUG 07
APVD	N. REESER	18JAN2006
PRODUCT SPEC	-	
APPLICATION SPEC	-	
WEIGHT	-	

TE Connectivity

NAME: SOCKET CONNECTOR WITH LATCH, SMT P2-S24-P8 MINI CROWN EDGE -

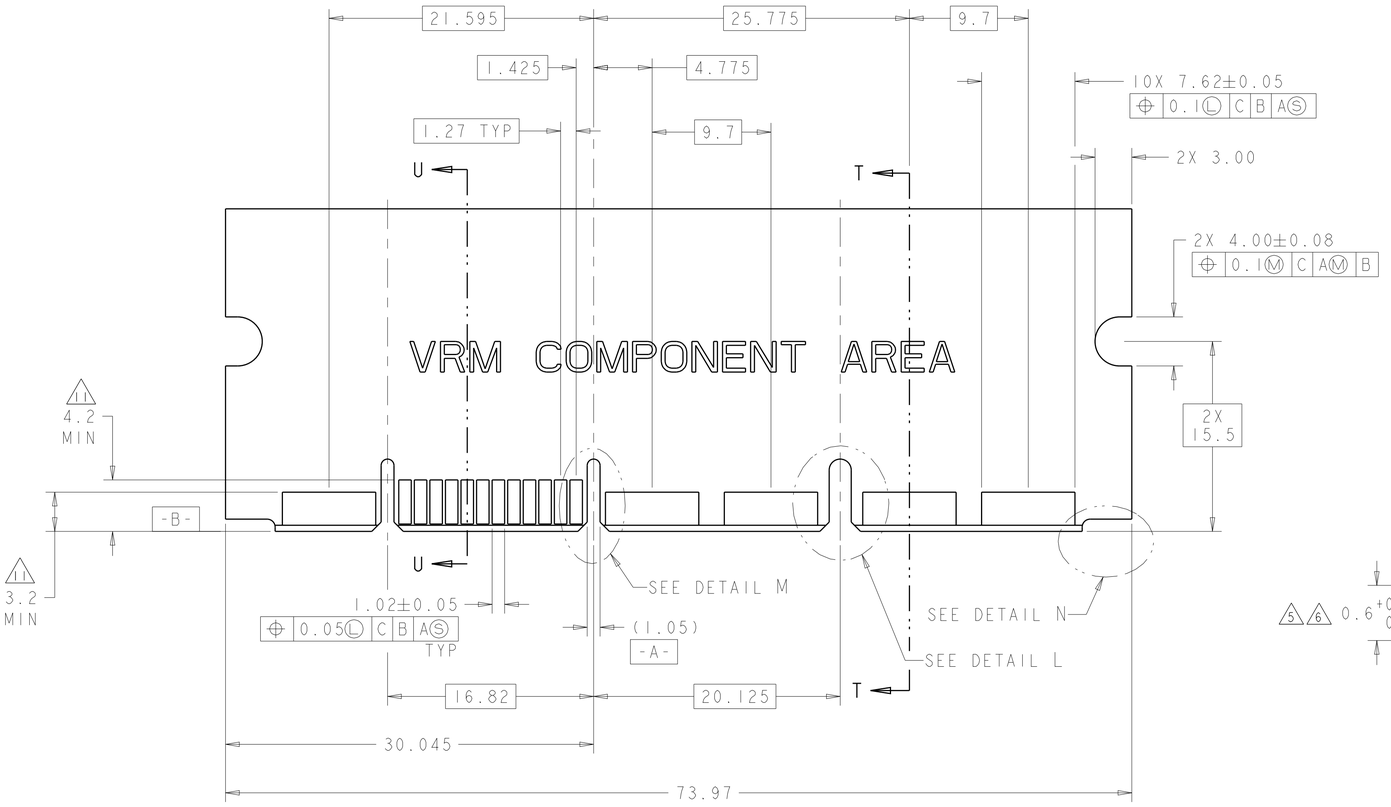
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1926024	-

CUSTOMER DRAWING | SCALE 1:1 | SHEET 2 OF 5 | REV G2

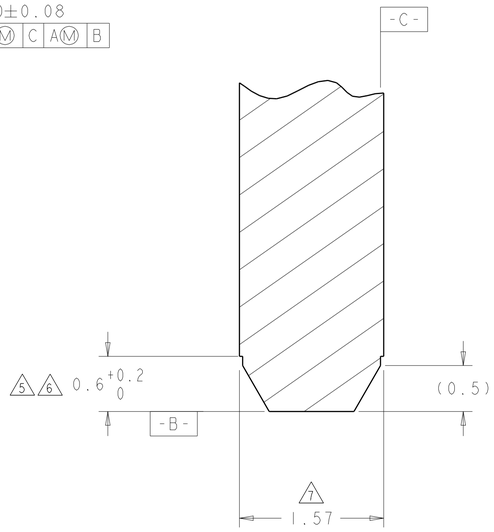
LOC	DIST
GP	00

REVISIONS

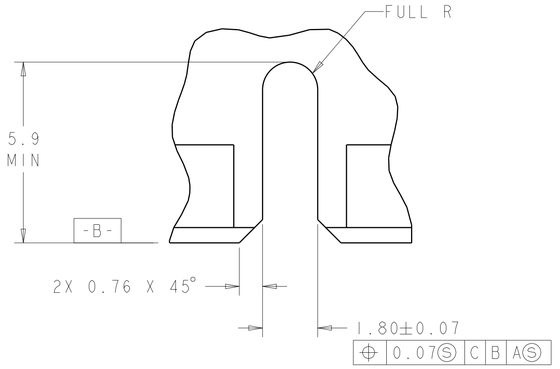
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



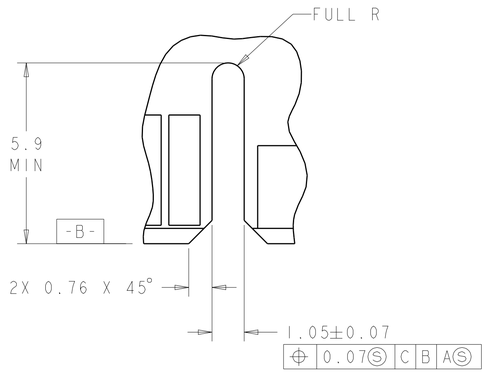
RECOMMENDED MATING BOARD
SCALE 4:1



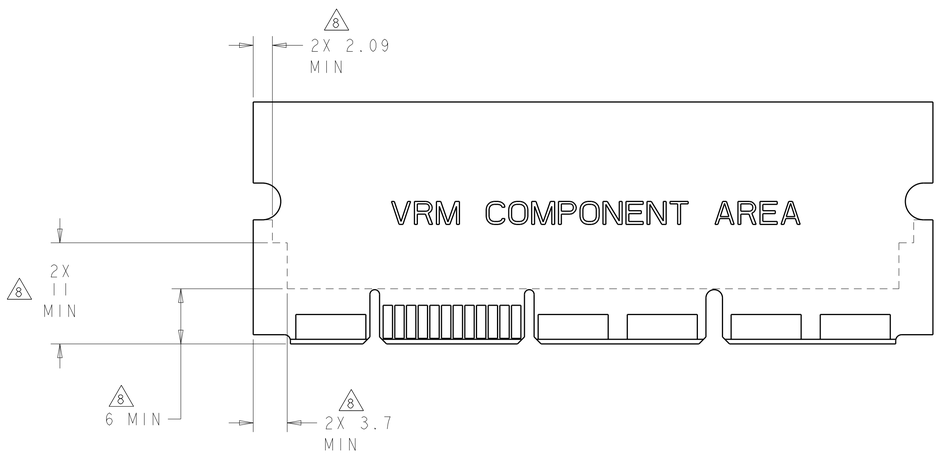
SECTION U-U
SCALE 30:1



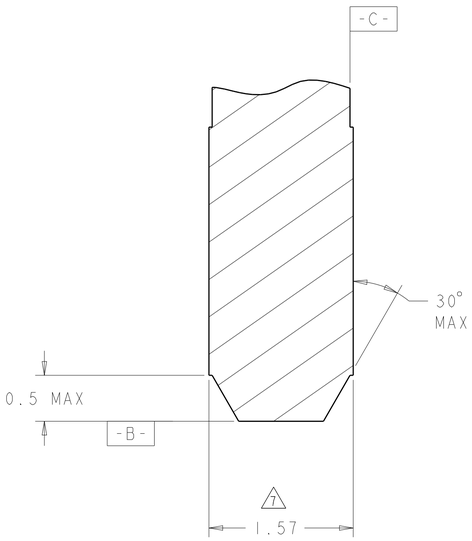
DETAIL L
SCALE 10:1



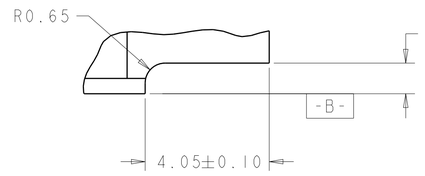
DETAIL M
2X TYPICAL
SCALE 10:1



RECOMMENDED PC BOARD KEEP OUT AREA
SCALE 3:1



SECTION T-T
SCALE 30:1



9
DETAIL N
2X TYPICAL
SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±.5
2 PLC ±.25
3 PLC ±-
4 PLC ±-
ANGLES ±2

MATERIAL - -
FINISH - -

DWN N REESER 18JAN2006
CHK P D'AMATO 29 AUG 07
APVD N REESER 18JAN2006
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME SOCKET CONNECTOR WITH LATCH, SMT P2-S24-P8 MINI CROWN EDGE -

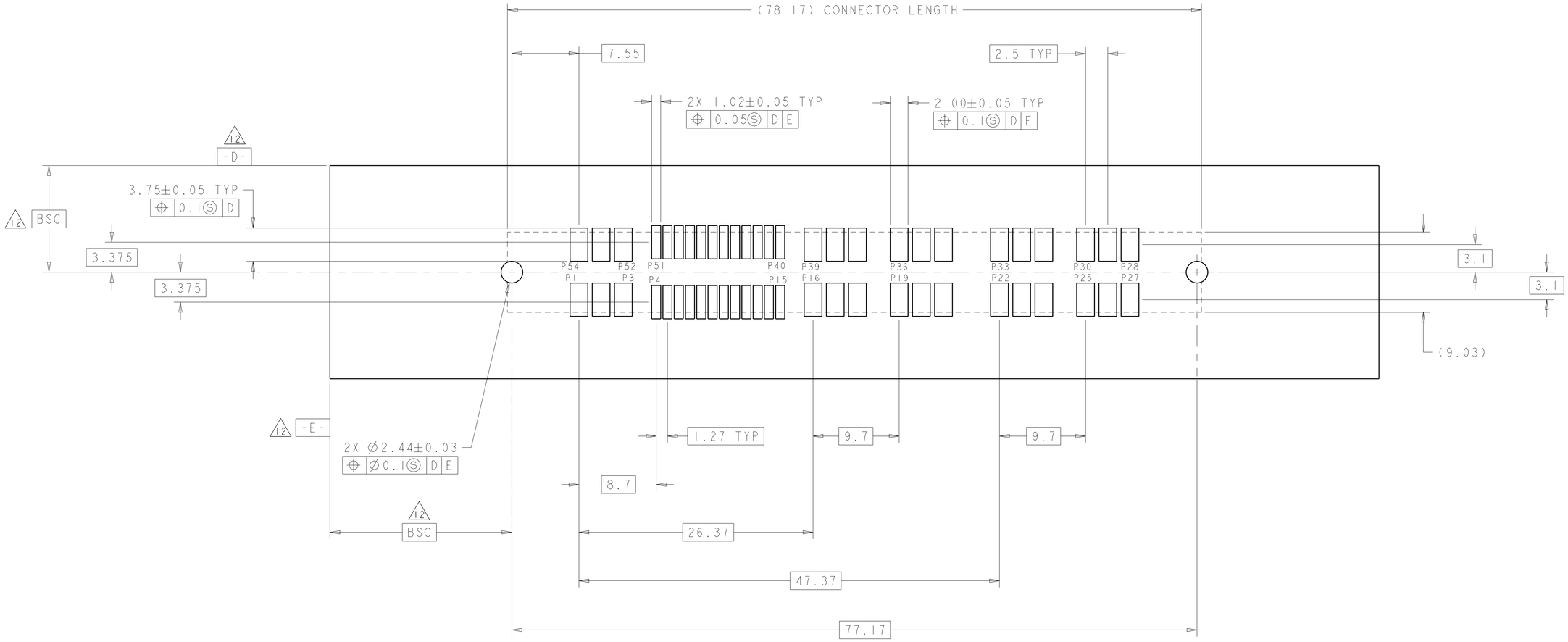
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1926024	-

CUSTOMER DRAWING | SCALE 1:1 | SHEET 3 OF 5 | REV G2

LOC	DIST
GP	00

REVISIONS

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



RECOMMENDED SOLDER LAND GUIDELINE
AS VIEWED FROM CONNECTOR SIDE
SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN N. REESER 18JAN2006	TE Connectivity
		CHK P. D'AMATO 29 AUG 07	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±.5 2 PLC ±.25 3 PLC ±- 4 PLC ±- ANGLES ±2	APVD N. REESER 18JAN2006	NAME SOCKET CONNECTOR WITH LATCH, SMT P2-S24-P8 MINI CROWN EDGE -
		PRODUCT SPEC -	
		APPLICATION SPEC -	SIZE A1 · CAGE CODE 00779 · DRAWING NO C-1926024 · RESTRICTED TO -
MATERIAL - -	FINISH - -	WEIGHT -	
		CUSTOMER DRAWING	SCALE 1:1 · SHEET 4 OF 5 · REV G2

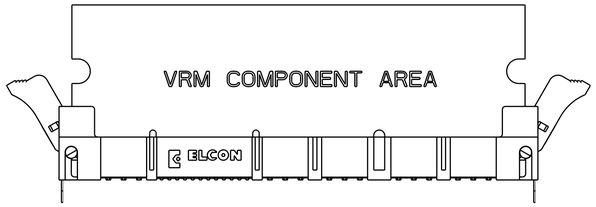
LOC	DIST
GP	00

REVISIONS

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

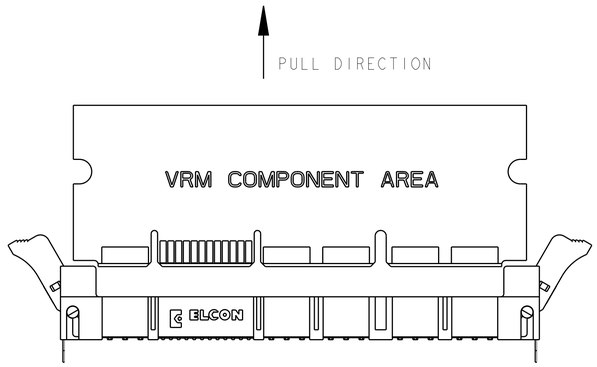
MODULE EXTRACTION GUIDE

STEP 1



THE MODULE IS REMOVED FROM THE SOCKET FIRST BY SIMULTANEOUSLY ROTATING EACH LATCH APPROXIMATELY 30 DEGREES AWAY FROM THE HOUSING END. AT FULL ROTATION OF THE LATCH, THE MODULE IS NOT COMPLETELY DISLODGED. THE MODULE WILL STILL BE APPROXIMATELY 15% ENGAGED.

STEP 2



THE COMPLETE REMOVAL OF THE MODULE WILL BE DONE BY PULLING IT STRAIGHT UP THROUGH THE BOARD SUPPORT TOWERS WITH TWO HANDS TO INSURE VERTICAL REMOVAL.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
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2 PLC ±.25
3 PLC ±-
4 PLC ±-
ANGLES ±2

MATERIAL - -
FINISH - -

DWN N. REESER 18JAN2006
CHK P. D'AMATO 29 AUG 07
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TE Connectivity

NAME SOCKET CONNECTOR WITH LATCH, SMT P2-S24-P8 MINI CROWN EDGE -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1926024	-

CUSTOMER DRAWING | SCALE 1:1 | SHEET 5 OF 5 | REV G2