



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

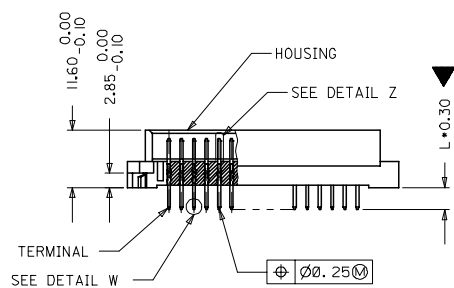
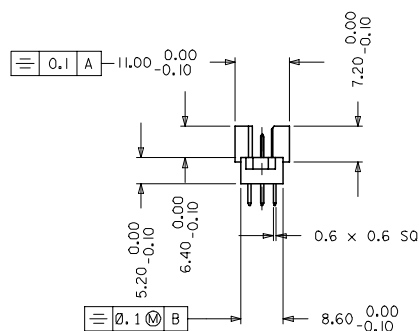
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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

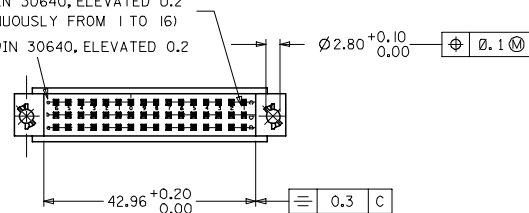
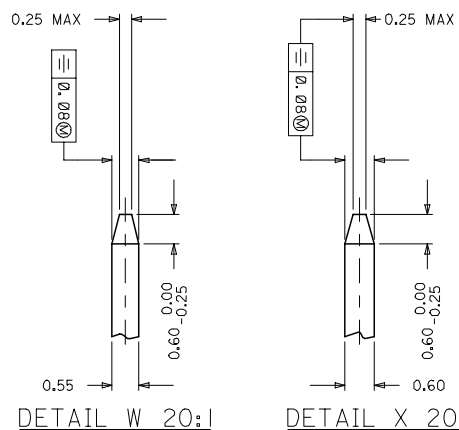
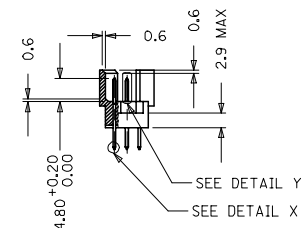
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



1. MATERIAL NUMBER, BATCH CODE, UL CSA MARKING TO BE PRINTED ON THE CONNECTOR AS PER E-36502-005
2. PRODUCT SPECIFICATION PS:85013-001
3. PACKING SPECIFICATION PK: 36512-001
4. CUT FACES OF TIP WITHOUT PLATING IS PERMITTED
5. REFERENCE AREA OF PLATING
6. GAUGE DRAWING REFER E-36500-100



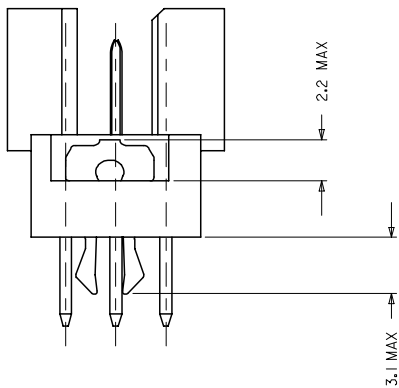
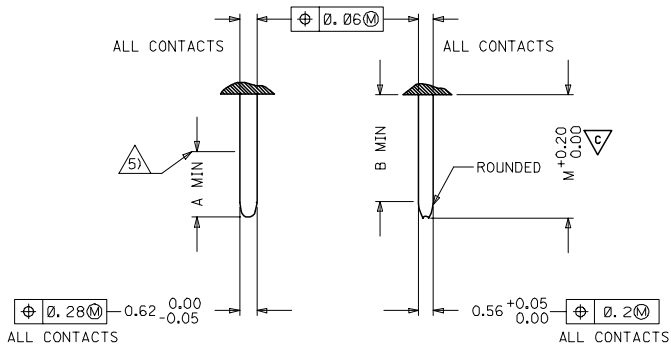
SCRIPT E1.5-6 DIN 30640, ELEVATED 0.2



EC NO: 2005-0092	2004/11/23 DRAWN:ASHI WASHA	2004/11/23 CHKD:KPRASUD	2004/11/23 APPR:SSUDHAR	QUALITY SYMBOLS ▽=1 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																																	
					<table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>±0.005</td><td>±---</td></tr><tr><td>3 PLACES</td><td>±0.005</td><td>±---</td></tr><tr><td>2 PLACES</td><td>±0.05</td><td>±---</td></tr><tr><td>1 PLACE</td><td>±0.1</td><td>±---</td></tr></table>		mm	INCH	4 PLACES	±0.005	±---	3 PLACES	±0.005	±---	2 PLACES	±0.05	±---	1 PLACE	±0.1	±---	<table><tr><td>DRAWN BY</td><td>DATE</td><td>TITLE</td></tr><tr><td>NS</td><td>2004/03/31</td><td>48 POS. MALE CONNECTOR ACC. DIN 41612 STYLE R/2 CONTACTS</td></tr><tr><td>CHECKED BY</td><td>DATE</td><td></td></tr><tr><td>GJLOWE</td><td>2004/03/31</td><td></td></tr><tr><td>APPROVED BY</td><td>DATE</td><td></td></tr><tr><td>GJLOWE</td><td>2004/03/31</td><td>MOLEX INCORPORATED</td></tr></table>	DRAWN BY	DATE	TITLE	NS	2004/03/31	48 POS. MALE CONNECTOR ACC. DIN 41612 STYLE R/2 CONTACTS	CHECKED BY	DATE		GJLOWE	2004/03/31		APPROVED BY	DATE		GJLOWE	2004/03/31	MOLEX INCORPORATED			
	mm	INCH																																								
4 PLACES	±0.005	±---																																								
3 PLACES	±0.005	±---																																								
2 PLACES	±0.05	±---																																								
1 PLACE	±0.1	±---																																								
DRAWN BY	DATE	TITLE																																								
NS	2004/03/31	48 POS. MALE CONNECTOR ACC. DIN 41612 STYLE R/2 CONTACTS																																								
CHECKED BY	DATE																																									
GJLOWE	2004/03/31																																									
APPROVED BY	DATE																																									
GJLOWE	2004/03/31	MOLEX INCORPORATED																																								
					ANGULAR ± 2 °	MATERIAL NO.	DOCUMENT NO.		SHEET NO.																																	
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	E-85013-0002		1 OF 2																																	
					SIZE A	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																				

PRE MATING CONTACTS	5.4	4.1	4.8
NORMAL CONTACTS	4.8	3.5	4.2
	M	A	B

MALE CONNECTOR WITH MOUNTING CLIPS

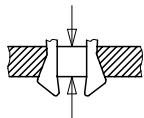


DETAIL Z

DETAIL Y

CLIPS SNAP UNDER
PC - BOARD OF
1.5 to 1.8 mm
Fm < 60N
Fr >= 20N
Fr >= 200N, WHEN
SOLDERED IN
PLATED - THROUGH
FIXING HOLES

Fm = MOUNTING FORCE
(FOR ONE CONNECTOR = 2 CLIPS)

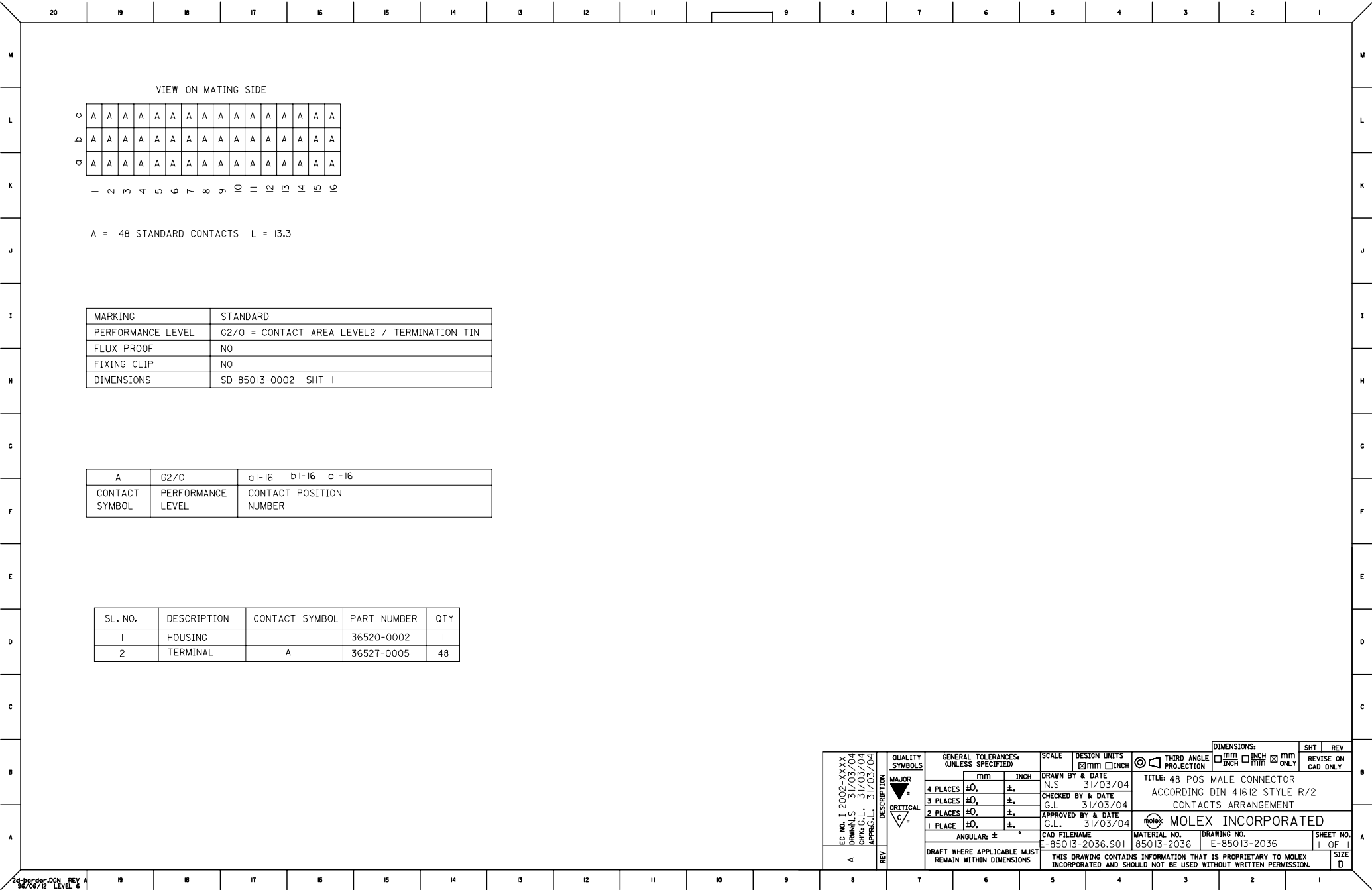


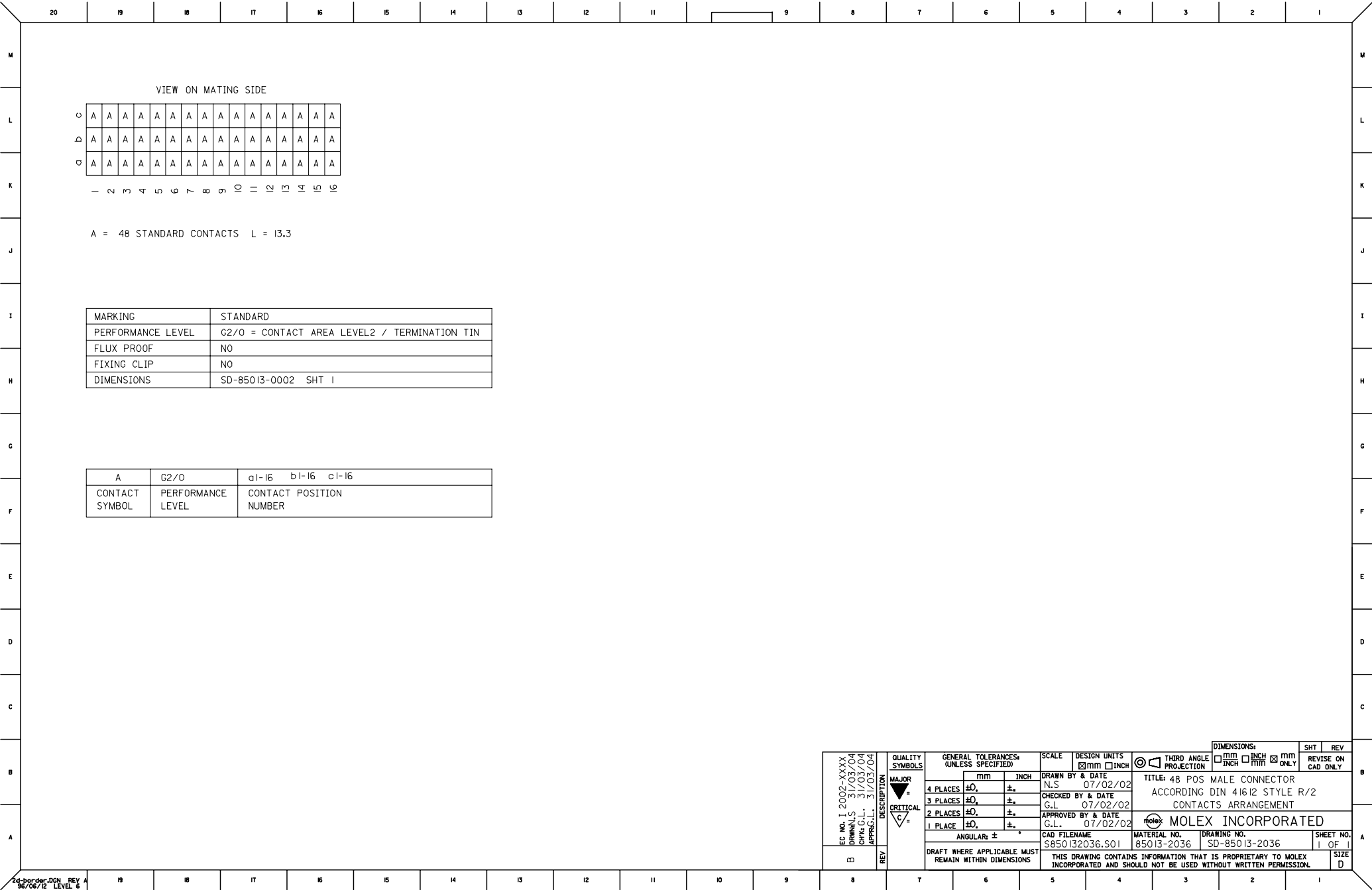
FR = RETENTION FORCE
(FOR ONE CONNECTOR = 2 CLIPS)



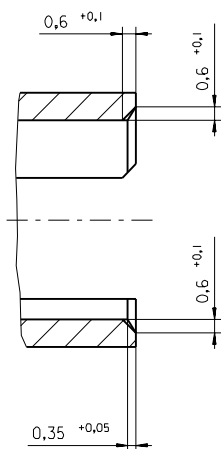
CLIPS STICK IN
FIXING HOLE OF
PC - BOARDS
OVER 1.8 mm
Fm < 60N
FR >= 16N

EC NO. 12005-0092	DRAWN BY: DR. N. S. VASIA CHECKED BY: CH. K. PRASAD APPROVED BY: S. S. DHIR	DATE: 2004/11/23 2004/11/23 2004/11/23	QUALITY SYMBOLS ▽=0 ▽=1	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
					mm	INCH	DRAWN BY NS	DATE 2004/03/31	TITLE 48 POS. MALE CONNECTOR ACC. DIN 41612 STYLE R/2 CONTACTS						
REV					4 PLACES	± 0.05	± 0.005	CHECKED BY G. LOWE	DATE 2004/03/31	MATERIAL NO. SEE CHART	DOCUMENT NO. E-85013-0002	SHEET NO. 2 OF 2			
					3 PLACES	± 0.005	± 0.005	APPROVED BY G. LOWE	DATE 2004/03/31						
					2 PLACES	± 0.05	± 0.005	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
					1 PLACE	± 0.1	± 0.01								
					ANGULAR ± 2 °										
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										

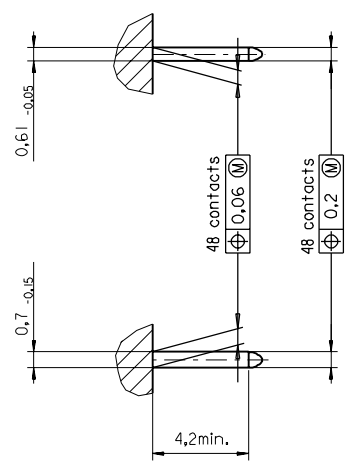
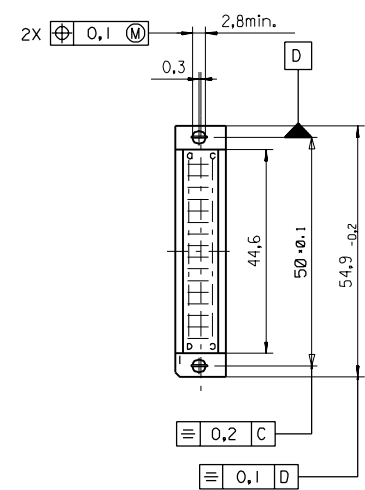
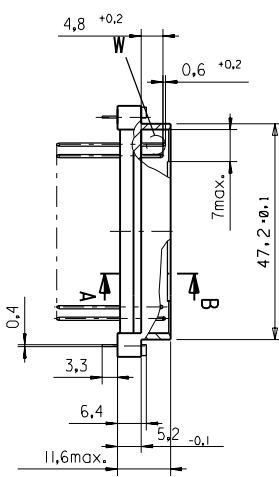
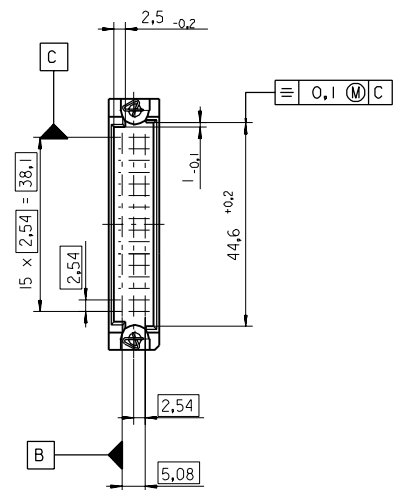
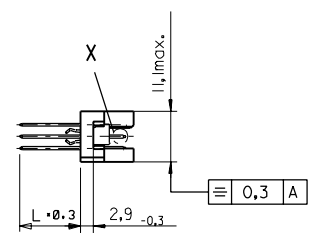
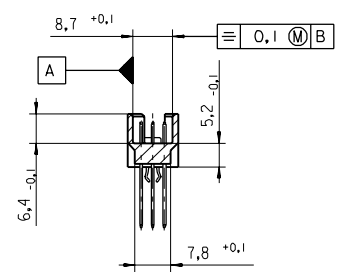




EC NO. I 2002-XXXX DRAWN: S 31/03/04 CHK: G.L. 31/03/04 APPR: G.L. 31/03/04		QUALITY SYMBOLS MAJOR CRITICAL DESCRIPTION REV	GENERAL TOLERANCES* (UNLESS SPECIFIED)		SCALE	DESIGN UNITS ☒ mm ☐ INCH		DIMENSIONS: ☐ mm ☒ INCH ☐ mm ONLY		SHT	REV
			☐ mm ☒ INCH		☐ mm ☒ INCH	TITLE: 48 POS MALE CONNECTOR ACCORDING DIN 41612 STYLE R/2 CONTACTS ARRANGEMENT					
			4 PLACES ± 0.1 mm ± 0.004 INCH		DRAWN BY & DATE NLS 07/02/02						
			3 PLACES ± 0.1 mm ± 0.004 INCH		CHECKED BY & DATE G.L. 07/02/02						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	2 PLACES ± 0.1 mm ± 0.004 INCH		APPROVED BY & DATE G.L. 07/02/02		MOLEX INCORPORATED		SHEET NO. 1 OF 1		
			ANGULAR $\pm$ *		CAD FILENAME S850132036.S01		MATERIAL NO. 85013-2036				
					DRAWING NO. SD-85013-2036						
B						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE D			



Section A - B
5:1



View X
5:1

View W
5:1

FIRST ANGLE PROJECTION		REVISE ONLY ON CAD SYSTEM		SH.	REV.
first release see ECN No. 1887	LTR REVISIONS FOR PREVIOUS REVISIONS SEE MRI LIST	UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ±2°	DRWG BY Ca	CAD/CAM PROJECT NAME 85013000 621	
		INCH METRIC	CHK'D BY KN	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
		3 PLACE ± .	APP'D BY	TITLE 48 pos. Male connector acc. DIN 41612 style R/2 Dimensions	
		2 PLACE ± .	SCALE	MOLEX EUROPE	
BI	LTR	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SCALE	SHEET NO. DATE 1 OF 95/06/08	
		DESIGN DIMENSION ☒ MM ☐ IN.		PART NO. DWG NO. SIZE	
		EQUIVALENT DIMENSION ☐ MM ☐ IN.		SDA-85013-0002 B	
		IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY			

View on mating side

C	A	A	A	A	A	A	A	A	A
D	A	A	A	A	A	A	A	A	A
O	A	A	A	A	A	A	A	A	A

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----

A = 48 standard contacts L=13,3

Marking	Standard
Performance level	C2/Ø = Contact area perform. level2 / Termination tin
Flux proof	no
Fixing clip	no
Dimensions	SDA-85013-0002 sht.1
Technical Data	PS-85013-0001

A	G2/0	a1-l6	b1-l6	c1-l6
Contact symbol	Perform. level	Contact position number		

first release see ECN No. 1868	REVISIONS	FOR PREVIOUS REVISIONS SEE MRI LIST				UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 2^\circ$ INCH METRIC	DRWG BY	SIGN	CAD/CAM PROJECT NAME	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	REV.	
		DESIGN DIMENSION		☐ MM ☐ IN.								
		EQUIVALENT DIMENSION		☐ MM ☐ IN.								
		IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY										
		SCALE										
A	LTR	SIGN		APP'D BY		KN		CHK'D BY		Cd		SIGN
		TITLE		48 pos. Male connector acc. DIN 41612 style R/2 contacts arrangement								
		MOLEX		EUROPE		SHEET NO. 1 OF 1		DATE 95/06/07				
PART NO.				85013-2036		DWG NO.		SDA-85013-2036		SIZE A		