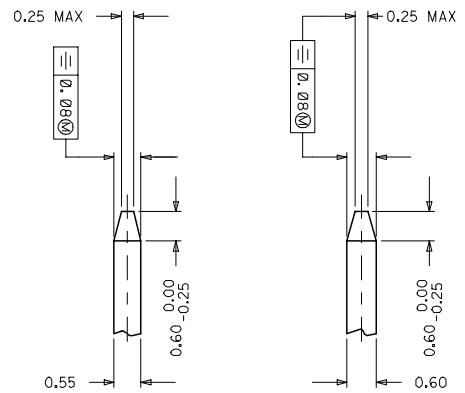
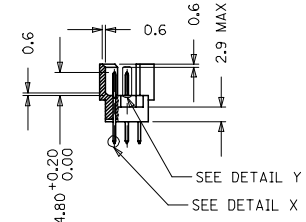
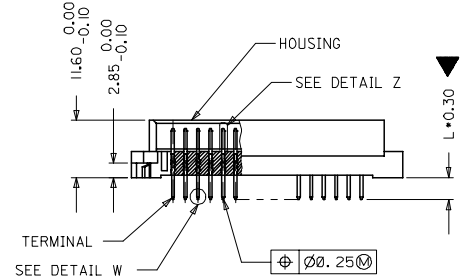
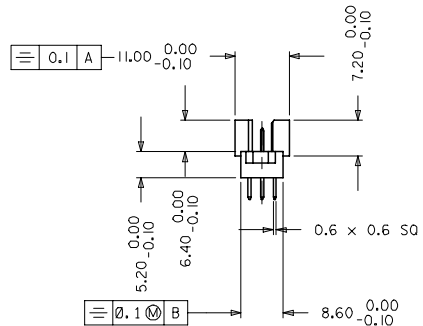
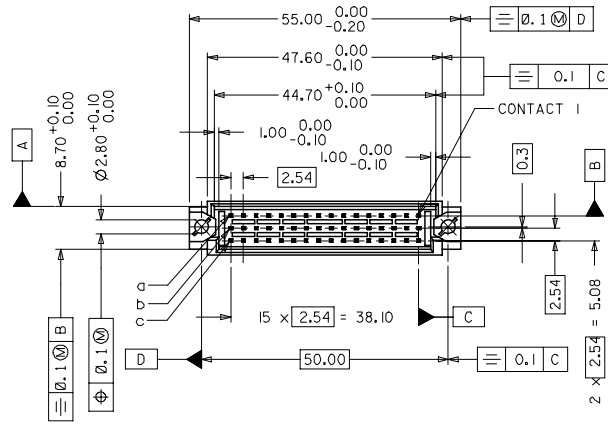
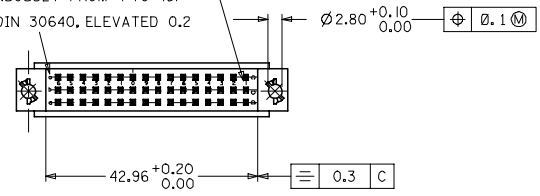


NOTES:

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



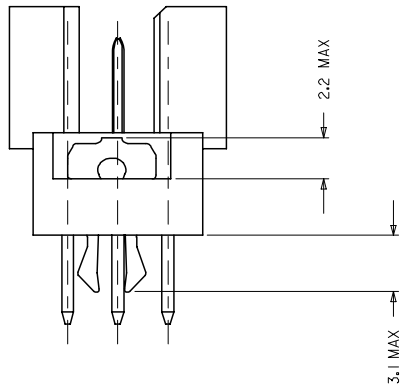
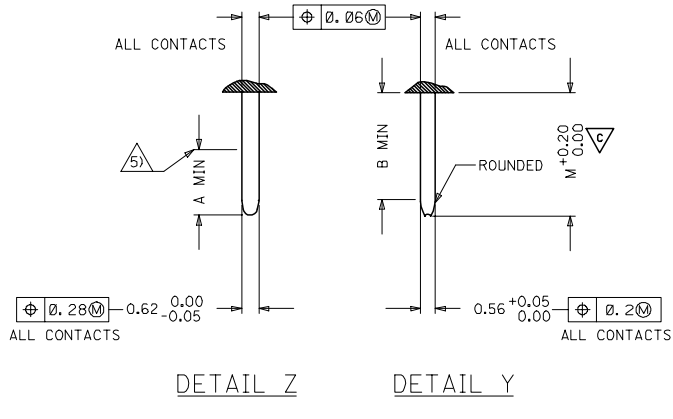
SCRIPT E1.25-5 DIN 30640, ELEVATED 0.2
(NUMBERED CONTINUOUSLY FROM 1 TO 16)
SCRIPT E1.5-6 DIN 30640, ELEVATED 0.2



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

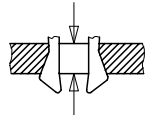
PRE MATING CONTACTS	5.4	4.1	4.8
NORMAL CONTACTS	4.8	3.5	4.2
	M	A	B

MALE CONNECTOR WITH MOUNTING CLIPS



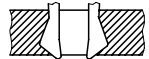
CLIPS SNAP UNDER
PC - BOARD OF
1.5 to 1.8 mm
 $F_m < 60N$
 $F_r >= 20N$
 $F_r >= 200N$, WHEN
SOLDERED IN
PLATED - THROUGH
FIXING HOLES

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



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

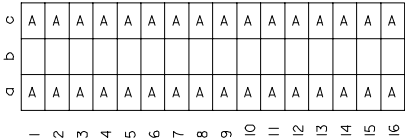
CLIPS STICK IN
FIXING HOLE OF
PC - BOARDS
OVER 1.8 mm
 $F_m < 60N$
 $F_r >= 16N$



IEC NO. 12005-0092 2004/11/23 DR:WNSHTYASHA CH:KADAPRASAD APPR:SSUDHIR 2004/11/23	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$ $\nabla=1$	mm	INCH	MM ONLY	2:1	METRIC	
		4 PLACES ±	±		DRAWN BY	DATE	TITLE
		3 PLACES ±0.005	±		NS	2004/03/31	48 POS. MALE CONNECTOR ACC. DIN 41612 STYLE R/2 CONTACTS
	2 PLACES ±0.05	±		CHECKED BY	DATE		
	1 PLACE ±0.1	±		GJLOWE	2004/03/31		
	ANGULAR ± 2°			APPROVED BY	DATE		
				GJLOWE	2004/03/31		
				MATERIAL NO.	DOCUMENT NO.		SHEET NO.
					E-85013-0002		2 OF 2
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
	SIZE	A1					

20 19 18 17 16 15 14 13 12 11 9 8 7 6 5 4 3 2 1

VIEW ON MATING SIDE



A = 32 STANDARD CONTACTS L = 4.5

MARKING	STANDARD
PERFORMANCE LEVEL	G2/0 = CONTACT AREA LEVEL2 / TERMINATION TIN
FLUX PROOF	NO
FIXING CLIP	NO
DIMENSIONS	SD-85013-0002 SHT 1

A	G2/0	a1-16 c1-16
CONTACT SYMBOL	PERFORMANCE LEVEL	CONTACT POSITION NUMBER

EC NO. I 2004-XXXX DRAWN NS 31/03/04 CHK'd G.L. 31/03/04 APPR G.L. 31/03/04	QUALITY SYMBOLS	GENERAL TOLERANCES: (UNLESS SPECIFIED)	SCALE	DESIGN UNITS	DIMENSIONS:	SHT	REV			
	MAJOR			<input checked="" type="checkbox"/> MM <input type="checkbox"/> INCH	<input type="checkbox"/> MM INCH <input type="checkbox"/> INCH <input checked="" type="checkbox"/> MM ONLY		REVISE ON CAD ONLY			
	CRITICAL									
B	DESCRIPTION	4 PLACES ±0. ±.	DRAWN BY & DATE	NLS 17/03/03	TITLE: 48 POS MALE CONNECTOR ACCORDING DIN 41612 STYLE R/2 CONTACTS ARRANGEMENT					
		3 PLACES ±0. ±.	CHECKED BY & DATE	G.L. 17/03/03	MOLEX INCORPORATED					
		2 PLACES ±0. ±.	APPROVED BY & DATE	G.L. 17/03/03						
		1 PLACE ±0. ±.								
		ANGULAR ±	CAD FILENAME	SD-85013-0050.S0	MATERIAL NO.	85013-0050	DRAWING NO.	SD-85013-0050	SHEET NO.	1 OF 1
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.								

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

VIEW ON MATING SIDE

∩	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
∞																			
◁	A	A	A	A	A	A	A	A	A	A	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 17 18 19 20

A = 32 STANDARD CONTACTS L=4,5

Marking	Standard
Performance level	G2/0 = 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	a1-16	c1-16
Contact symbol	Perform. level	Contact position number	

first release see ECN No. 1868	REVISIONS		FOR PREVIOUS REVISIONS SEE MRI LIST	
	∇	LTR		
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 2°		DRWG BY	SIGN	
INCH		Ca		
METRIC		CHK'D BY	SIGN	
3 PLACE ± .		KN		
2 PLACE ± .		APP'D BY	SIGN	
1 PLACE ± .				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SCALE		
DESIGN DIMENSION <input type="checkbox"/> MM <input type="checkbox"/> IN.				
EQUIVALENT DIMENSION <input type="checkbox"/> MM <input type="checkbox"/> IN.				
IF TWO DIMENSIONS ARE SHOWN, THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY				
REVISE ONLY ON CAD SYSTEM		SH. REV.		
CAD/CAM PROJECT NAME		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
s8501300		s51		
TITLE		SHEET NO. DATE		
48 pos. Male connector acc. DIN 41612 style R/2 contacts arrangement		1 OF 1 95/06/07		
MOLEX EUROPE		DWG NO.		
85013-0050		SDA-85013-0050		
PART NO.		SIZE		
		A		