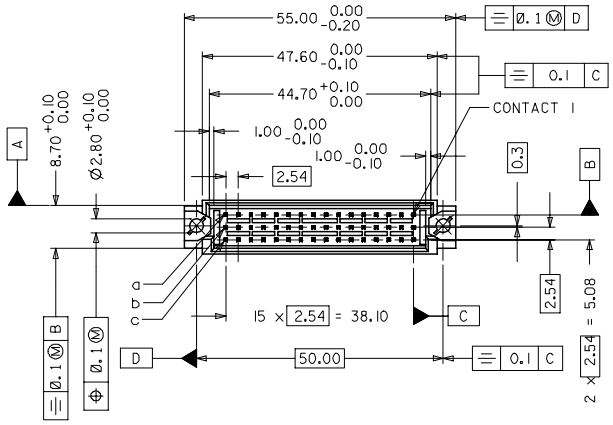
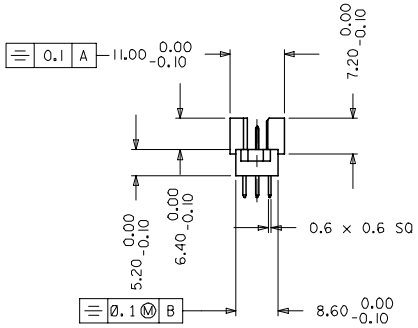
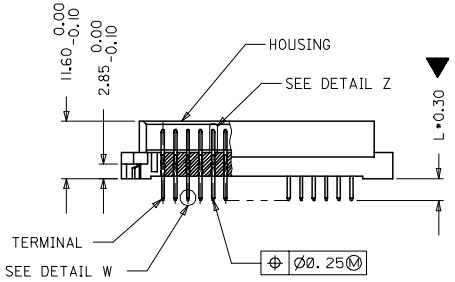
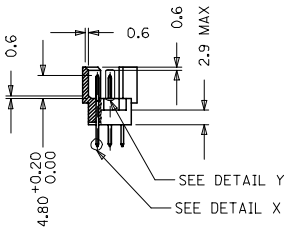
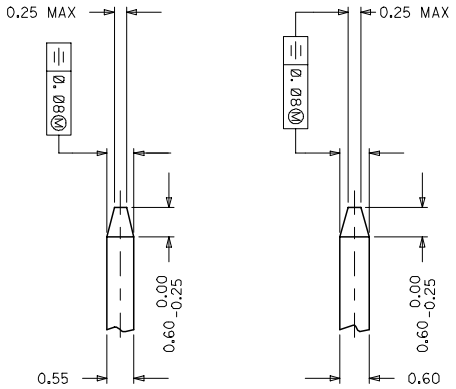
NOTES:
1. MATERIAL NUMBER, BATCH CODE, UL CSA MARKING TO BE PRINTED ON THE CONNECTOR AS PER E-36502-005
2. PRODUCT SPECIFICATION PS:85013-001
3. PACKING SPECIFICATION PK: 36512-001
4. CUT FACES OF TIP WITHOUT PLATING IS PERMITTED
5. REFERENCE AREA OF PLATING
6. GAUGE DRAWING REFER E-36500-100

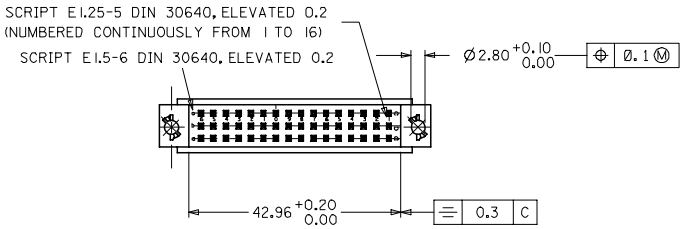












EC NO: I2005-0092 2004/11/23 DRWN:SHIVASHA 2004/11/23 CHK:DKPRASAD 2004/11/23 APPR:SSUDHIR 2004/11/23	QUALITY SYMBOLS ▼=1 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm / INCH 4 PLACES ±--- / ±--- 3 PLACES ±0.005 / ±--- 2 PLACES ±0.05 / ±--- 1 PLACE ±0.1 / ±--- ANGULAR ± 2 °	DIMENSION STYLE: MM ONLY	SCALE: 2:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION			
			DRAWN BY: NS DATE: 2004/03/31	TITLE: 48 POS. MALE CONNECTOR ACC. DIN 41612 STYLE R/2 CONTACTS					
			CHECKED BY: GJLOWE DATE: 2004/03/31						
			APPROVED BY: GJLOWE DATE: 2004/03/31	molex MOLEX INCORPORATED					
			MATERIAL NO.: SEE CHART	DOCUMENT NO.: E-85013-0002				SHEET NO.: 1 OF 2	
REV: B		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE: A1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

VIEW ON MATING SIDE

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
c	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
b	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
a	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A

A = 16 FMLB CONTACTS +0.6 L = 4.5
B = 16 STANDARD CONTACTS L = 4.5
C = 16 LMFB CONTACTS -0.6 L = 4.5
S = 48 TOTAL NUMBER OF CONTACTS

MARKING	STANDARD
PERFORMANCE LEVEL	G2/0 = CONTACT AREA LEVEL2 / TERMINATION TIN
FLUX PROOF	NO
FIXING CLIP	NO
DIMENSIONS	E-85013-0002 SHT 1-2

C	G2/0	c1-16
B	G2/0	b1-16
A	G2/0	a1-16
CONTACT SYMBOL	PERFORMANCE LEVEL	CONTACT POSITION NUMBER

SL. NO.	DESCRIPTION	CONTACT SYMBOL	PART NUMBER	QTY
1	HOUSING		36520-0002	1
2	TERMINAL	A	36527-0011	16
3	TERMINAL	B	36527-0005	16
4	TERMINAL	C	36527-0014	16

EC NO. 1 2004-XXXX
DRWN N.S 31/03/04
CHK'd G.L 31/03/04
APPR'd G.L 31/03/04
DESCRIPTION
A
REV

QUALITY SYMBOLS
MAJOR =
CRITICAL (C) =

GENERAL TOLERANCES: (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0.	±.
3 PLACES	±0.	±.
2 PLACES	±0.	±.
1 PLACE	±0.	±.
ANGULAR: ± °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE
DESIGN UNITS ☒mm ☐INCH
DRAWN BY & DATE N.S 31/03/04
CHECKED BY & DATE G.L 31/03/04
APPROVED BY & DATE G.L 31/03/04
CAD FILENAME E-85013-4012.S01
THIRD ANGLE PROJECTION
DIMENSIONS: ☐mm/INCH ☐INCH/mm ☒mm ONLY
SHT REV
REVISE ON CAD ONLY
TITLE: 48 POS MALE CONNECTOR ACCORDING DIN 41612 STYLE R/2 CONTACTS ARRANGEMENT
molex MOLEX INCORPORATED
MATERIAL NO. 85013-4012
DRAWING NO. E-85013-4012
SHEET NO. 1 OF 1
SIZE D

VIEW ON MATING SIDE

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
c	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
b	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
a	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A

A = 16 FMLB CONTACTS +0.6 L = 4.5
B = 16 STANDARD CONTACTS L = 4.5
C = 16 LMFB CONTACTS -0.6 L = 4.5
S = 48 TOTAL NUMBER OF CONTACTS

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

CONTACT SYMBOL	PERFORMANCE LEVEL	CONTACT POSITION NUMBER
C	G2/0	c1-16
B	G2/0	b1-16
A	G2/0	a1-16

EC NO. 1 2004-XXXX
DRWN N.S 31/03/04
CHK'd G.L 31/03/04
APPR'd G.L 31/03/04
DESCRIPTION
B
REV

QUALITY SYMBOLS
MAJOR =
CRITICAL (C) =

GENERAL TOLERANCES: (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0.	±.
3 PLACES	±0.	±.
2 PLACES	±0.	±.
1 PLACE	±0.	±.
ANGULAR: ± °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE
DESIGN UNITS ☒mm ☐INCH
DRAWN BY & DATE S.S 27/03/01
CHECKED BY & DATE G.L 27/03/01
APPROVED BY & DATE G.L 27/03/01
CAD FILENAME SD-85013-4012.SO1
MATERIAL NO. 85013-4012
DRAWING NO. SD-85013-4012
SHEET NO. 1 OF 1
SIZE D

THIRD ANGLE PROJECTION
DIMENSIONS: ☐mm/INCH ☐INCH/mm ☒mm ONLY
SHT REV
REVISE ON CAD ONLY

TITLE: 48 POS MALE CONNECTOR
ACCORDING DIN 41612 STYLE R/2
CONTACTS ARRANGEMENT

molex MOLEX INCORPORATED