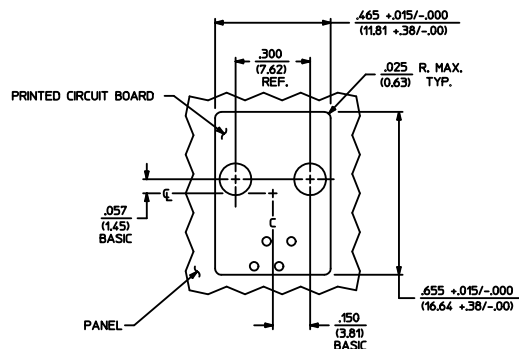
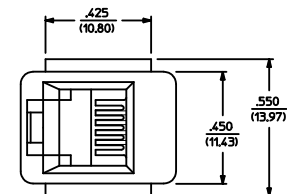


20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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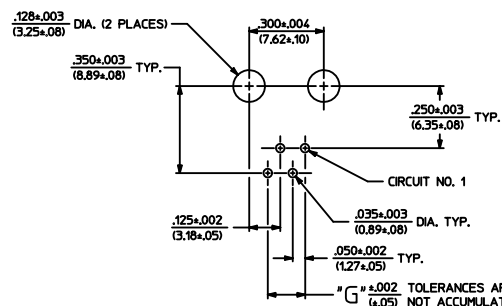
NOTES:

- 1) MATERIALS: HOUSING PARTS ARE MADE OF POLYESTER, RATED U.L. 94 V-0. COLOR IS BLACK, TERMINALS ARE .015/(0.38) THICK PHOSPHOR BRONZE.
- 2) TERMINAL PLATING OPTIONS PER ES-88-***:
 - A - SELECT GOLD IN CONTACT AREA: 50 MICRONSINCHES MIN.
 - SELECT MATTE TIN IN PC TAIL AREA: 100 MICRONSINCHES MIN.
 - WITH OVERALL NICKEL UNDERPLATE: 50 MICRONSINCHES MIN.
- 3) THESE MODULAR JACKS MEET THE PERFORMANCE REQUIREMENTS OF MOLEX PRODUCT SPECIFICATION PS-4240.
- 4) CONNECTORS ARE TO BE PACKED IN THERMOFORMED TRAYS, PER PACKAGING SPECIFICATION PK-42410-492.
- 5) ALL JACKS ARE DESIGNED TO BE USED WITH .062/(157) OR .125/(318) THICK P.C. BOARDS.
- 6) ALL JACKS CONFORM TO AND ACCEPT PLUGS WHICH CONFORM TO FCC RULES AND REGULATIONS PART 68, SUBPART F, WHEN PLATED WITH 50 MICRONSINCHES GOLD.
- 7) ALL JACKS MUST BE CAPABLE OF FITTING INTO MOLEX GAGE G-42410 (CONNECTOR SIZE 4).
- 8) SEE SHEETS 2 & 4 FOR CONNECTOR SIZE 6.
- 9) SEE SHEETS 3 & 4 FOR CONNECTOR SIZE 8.
- 10) SEE SHEET 4 FOR ASSEMBLY ITEM NUMBERS.
- 11) THIS MODULAR JACK ASSEMBLY IS ALSO AVAILABLE IN A UL 94V-0 RATED, GLASS-FILLED NYLON. (SEE MOLEX DRAWING SDA-43576)
- 12) ENGRAVED NUMBERS ON HOUSING BODY ARE FOR MOLDING IDENTIFICATION ONLY. THEY ARE NOT INTENDED FOR ASSEMBLY IDENTIFICATION PURPOSES.
- 13) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.

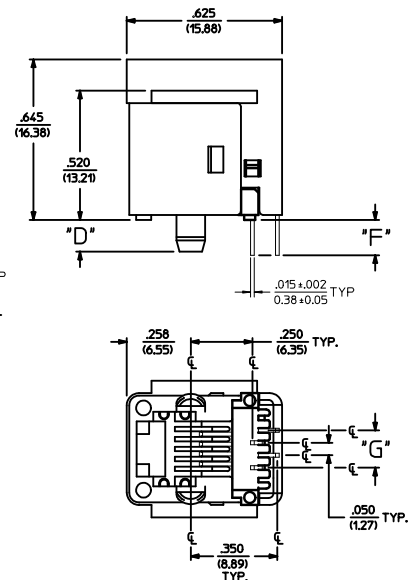
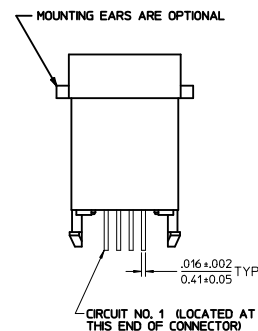
P.C. BOARD THICKNESS	DIM. "D" (MTG. PEGS)	DIM. "F" (P.C. TAILS)	CONNECTOR SIZE	CIRCUIT SIZE	DIM. "G"
0.062"	.128 (3.25)	.120 +.015/- .025 (3.05 +.38/- .63)	4	4	.150 (3.81)
0.125"	.191 (4.85)	.205 +.015/- .025 (5.21 +.38/- .63)	4	2	.050 (1.27)



PANEL CUT-OUT FOR CONNECTOR SIZE 4



P.C. BOARD LAYOUT FOR CONNECTOR SIZE 4



SIZE 4 MODULAR JACK LOADED WITH 4 TERMINALS SHOWN ABOVE
(SEE SHEET 4 FOR PART NUMBER AVAILABILITY)

ADD. TERMINAL DIM EC NO. IEC2014-3630 DRAWN: JAGUAR 2011/06/06 CHECKED: BELL 2011/06/09 APPROVED: TH 2012/02/14	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION												
	▽=0	<table><thead><tr><th></th><th>mm</th><th>INCH</th></tr></thead><tbody><tr><td>4 PLACES</td><td>±----</td><td>±----</td></tr><tr><td>3 PLACES</td><td>±----</td><td>±.010</td></tr><tr><td>2 PLACES</td><td>±0.25</td><td>±----</td></tr><tr><td>1 PLACE</td><td>±----</td><td>±----</td></tr></tbody></table>		mm	INCH	4 PLACES	±----	±----	3 PLACES	±----	±.010	2 PLACES	±0.25	±----	1 PLACE	±----	±----	DRAWN BY GLT DATE 1990/10/12	TITLE ASSEMBLY; VERTICAL MODULAR JACKS (CONNECTOR SIZE 4)
		mm	INCH																
	4 PLACES	±----	±----																
	3 PLACES	±----	±.010																
2 PLACES	±0.25	±----																	
1 PLACE	±----	±----																	
▽=0	ANGULAR ±1/2°	CHECKED BY BAP DATE 1990/10/12	 MOLEX INCORPORATED																
▽=0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY FSM TH DATE 2012/02/14																	
REV	DESCRIPTION	MATERIAL NO.	DOCUMENT NO.	SHEET NO. 1 OF 4															
		SIZE	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
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20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1							
													P.C. BOARD THICKNESS		DIM. "D" (MTG. PEGS)		DIM. "F" (P.C. TAILS)				CONNECTOR SIZE		CIRCUIT SIZE		DIM. "G"	
													0.062/(1.57)		.128 (3.25)		.120 +.015/- .025 (3.05 +.38/- .63)				6		6		.250 (6.35)	
													0.125/(3.18)		.191 (4.85)		.205 +.015/- .025 (5.21 +.38/- .63)				6		4		.150 (3.81)	
																					6		2		.050 (1.27)	

NOTES:

1) MATERIALS: HOUSING PARTS ARE MADE OF POLYESTER, RATED UL. 94 V-0, COLOR IS BLACK, TERMINALS ARE .015/(0.38) THICK PHOSPHOR BRONZE.

2) TERMINAL PLATING OPTIONS PER ES-88-***:

A - SELECT GOLD IN CONTACT AREA: 50 MICROINCHES MIN.
SELECT MATTE TIN IN PC TAIL AREA: 100 MICROINCHES MIN.
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES MIN.

B - SELECT GOLD IN CONTACT AREA: 15 MICROINCHES MIN.
SELECT MATTE TIN IN PC TAIL AREA: 100 MICROINCHES MIN.
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES MIN.

3) THESE MODULAR JACKS MEET THE PERFORMANCE REQUIREMENTS OF MOLEX PRODUCT SPECIFICATION PS-42410.

4) CONNECTORS ARE TO BE PACKED IN THERMOFORMED TRAYS, PER PACKAGING SPECIFICATION PK-42410-492.

5) ALL JACKS ARE DESIGNED TO BE USED WITH .062/(1.57) OR .125/(3.18) THICK P.C. BOARDS.

6) ALL JACKS CONFORM TO AND ACCEPT PLUGS WHICH CONFORM TO FCC RULES AND REGULATIONS PART 68, SUBPART F, WHEN PLATED WITH 50 MICROINCHES GOLD.

7) ALL JACKS MUST BE CAPABLE OF FITTING INTO MOLEX GAGE G-42410 (CONNECTOR SIZE 4).

8) SEE SHEETS 1 & 4 FOR CONNECTOR SIZE 4.

9) SEE SHEETS 3 & 4 FOR CONNECTOR SIZE 8.

10) SEE SHEET 4 FOR ASSEMBLY ITEM NUMBERS.

11) THIS MODULAR JACK ASSEMBLY IS ALSO AVAILABLE IN A UL 94V-0 RATED, GLASS-FILLED NYLON. (SEE MOLEX DRAWING SDA-43576)

12) ENGRAVED NUMBERS ON HOUSING BODY ARE FOR MOLDING IDENTIFICATION ONLY. THEY ARE NOT INTENDED FOR ASSEMBLY IDENTIFICATION PURPOSES.

13) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.

PANEL CUT-OUT FOR CONNECTOR SIZE 6

P.C. BOARD LAYOUT FOR CONNECTOR SIZE 6

SIZE 6 MODULAR JACK LOADED WITH 6 TERMINALS SHOWN ABOVE

(SEE SHEET 4 FOR PART NUMBER AVAILABILITY)

SEE SHEET 1 EC NO: UCP2011-3830 DRAWN: JAGUILAR CHKD: JRELL APPR: F SMITH REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECT				
			4 PLACES ± --- ± ---	3 PLACES ± --- ± .010	2 PLACES ± .025 ± ---	1 PLACE ± --- ± ---	ANGULAR ± 1/2°	DRAWN BY DATE GLT 1990/10/12		CHECKED BY DATE BAP 1990/10/12	APPROVED BY DATE FSMITH 2012/02/14	MATERIAL NO.	DOCUMENT NO.

ASSEMBLY: VERTICAL MODULAR JACKS (CONNECTOR SIZE 4)

MOLEX INCORPORATED

SDA-42410-****

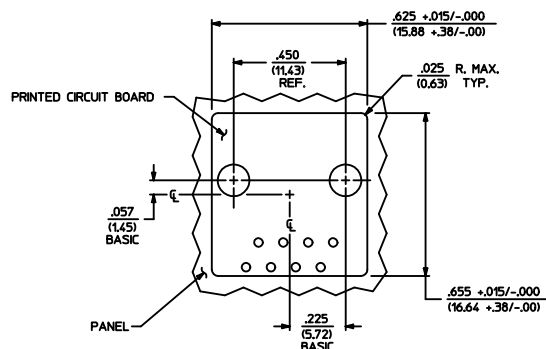
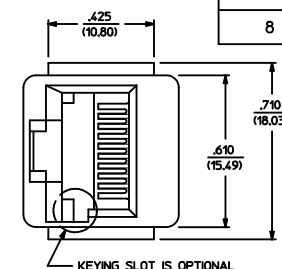
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

NOTES:

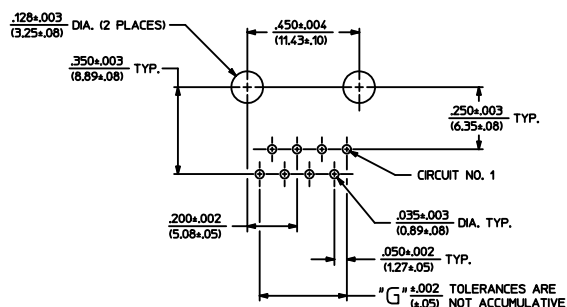
- 1) MATERIALS: HOUSING PARTS ARE MADE OF POLYESTER, RATED UL 94 V-0. COLOR IS BLACK. TERMINALS ARE .015/(0.38) THICK PHOSPHOR BRONZE.
- 2) TERMINAL PLATING OPTIONS PER ES-88-****:
A - SELECT GOLD IN CONTACT AREA: 50 MICROINCHES MIN.
SELECT MATTE TIN IN PC TAIL AREA: 100 MICROINCHES MIN.
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES MIN.
- 3) THESE MODULAR JACKS MEET THE PERFORMANCE REQUIREMENTS OF MOLEX PRODUCT SPECIFICATION PS-42410.
- 4) CONNECTORS ARE TO BE PACKED IN THERMOFORMED TRAYS, PER PACKAGING SPECIFICATION PK-42410-492.
- 5) ALL JACKS ARE DESIGNED TO BE USED WITH .062/(1.57) OR .125/(3.18) THICK P.C. BOARDS.
- 6) ALL JACKS CONFORM TO AND ACCEPT PLUGS WHICH CONFORM TO FCC RULES AND REGULATIONS PART 68, SUBPART F, WHEN PLATED WITH 50 MICROINCHES GOLD.
- 7) ALL JACKS MUST BE CAPABLE OF FITTING INTO MOLEX GAGE G-42410 (CONNECTOR SIZE 4).
- 8) SEE SHEETS 1 & 4 FOR CONNECTOR SIZE 4.
- 9) SEE SHEETS 2 & 4 FOR CONNECTOR SIZE 6.
- 10) SEE SHEET 4 FOR ASSEMBLY ITEM NUMBERS.
- 11) THIS MODULAR JACK ASSEMBLY IS ALSO AVAILABLE IN A UL 94V-0 RATED, GLASS-FILLED NYLON. (SEE MOLEX DRAWING SDA-43576)
- 12) ENGRAVED NUMBERS ON HOUSING BODY ARE FOR MOLDING IDENTIFICATION ONLY. THEY ARE NOT INTENDED FOR ASSEMBLY IDENTIFICATION PURPOSES.
- 13) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.

P.C. BOARD THICKNESS	DIM. "D" (MTG. PEGS)	DIM. "F" (P.C. TAILS)
.062/(1.57)	.128 (3.25)	.120 +.015/-.025 (3.05 +.38/-.63)
.125/(3.18)	.191 (4.85)	.205 +.015/-.025 (5.21 +.38/-.63)

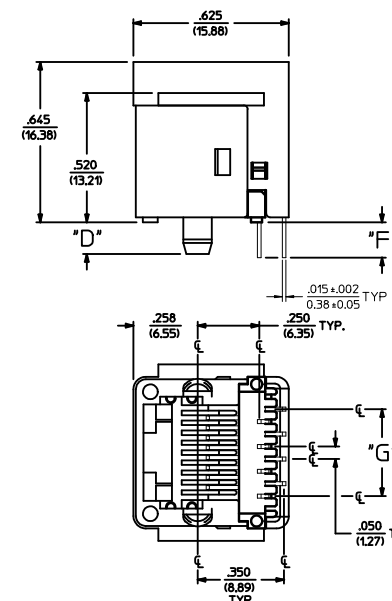
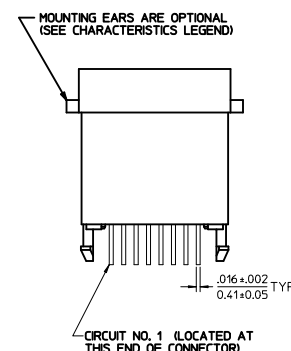
CONNECTOR SIZE	CIRCUIT SIZE	DIM. "G"
8	8	.350 (8.89)
8	6	.250 (6.35)
8	4	.150 (3.81)
8	2	.050 (1.27)



PANEL CUT-OUT FOR CONNECTOR SIZE 8



P.C. BOARD LAYOUT FOR CONNECTOR SIZE 8



SIZE 8 MODULAR JACK LOADED WITH 8 TERMINALS SHOWN ABOVE

(SEE SHEET 4 FOR PART NUMBER AVAILABILITY)

SEE SHEET 1 EC NO. UJ2211-3830 DRAWN: JADILUR CHECKED: JADILUR APPROVED: JADILUR	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
				IN/MM		4:1	INCH	
	▽=0	mm	INCH	DRAWN BY	DATE	TITLE	ASSEMBLY, VERTICAL MODULAR JACKS (CONNECTOR SIZE 4)	MOLEX INCORPORATED
	▽=0	4 PLACES ± --- ± ---	GLT	1990/10/12				
	▽=0	3 PLACES ± --- ± .010	CHECKED BY	DATE				
	▽=0	2 PLACES ± 0.25 ± ---	BAP	1990/10/12				
	▽=0	1 PLACE ± --- ± ---	APPROVED BY	DATE	DOCUMENT NO.	SHEET NO.		
	ANGULAR ±1/2°		FSMITH	2012/02/14	SDA-42410-****	3 OF 4		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 4					
	SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

		20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
SIZE 4 VERTICAL MODJACK ASSEMBLIES																					
		PART CHARACTERISTICS																			
Y-NOT TOOLED	ASSEMBLY ITEM NUMBER	EXTERNAL CONNECTOR SIZE	NUMBER OF POSITIONS	P.C. BOARD THICKNESS	MOUNTING EARS OPTION	TERMINAL PLATING OPTION															
	42410-4168	4 POS. BODY	4	.062/(1.57)	YES	A															
	42410-4170	↑	↑	.062/(1.57)	NO	A															
	42410-4264	↓	↓	.125/(3.18)	YES	A															
	42410-4266	4 POS. BODY	4	.125/(3.18)	NO	A															
	42410-4312	4 POS. BODY	2	.062/(1.57)	YES	A															
	42410-4314	↑	↑	.062/(1.57)	NO	A															
	42410-4408	↓	↓	.125/(3.18)	YES	A															
	42410-4410	4 POS. BODY	2	.125/(3.18)	NO	A															
SIZE 6 VERTICAL MODJACK ASSEMBLIES																					
		PART CHARACTERISTICS																			
Y-NOT TOOLED	ASSEMBLY ITEM NUMBER	EXTERNAL CONNECTOR SIZE	NUMBER OF POSITIONS	P.C. BOARD THICKNESS	MOUNTING EARS OPTION	TERMINAL PLATING OPTION															
	42410-6168	6 POS. BODY	6	.062/(1.57)	YES	A															
	42410-6170	↑	↑	.062/(1.57)	NO	A															
	42410-6264	↓	↓	.125/(3.18)	YES	A															
	42410-6266	6 POS. BODY	6	.125/(3.18)	NO	A															
	42410-6312	6 POS. BODY	4	.062/(1.57)	YES	A															
	42410-6314	↑	↑	.062/(1.57)	NO	A															
	42410-6320	↓	↓	.062/(1.57)	YES	B															
	42410-6408	↓	↓	.125/(3.18)	YES	A															
	42410-6410	6 POS. BODY	4	.125/(3.18)	NO	A															
	42410-6456	6 POS. BODY	2	.062/(1.57)	YES	A															
	42410-6458	↑	↑	.062/(1.57)	NO	A															
	42410-6552	↓	↓	.125/(3.18)	YES	A															
	42410-6554	6 POS. BODY	2	.125/(3.18)	NO	A															
SIZE 8 VERTICAL MODJACK ASSEMBLIES																					
		PART CHARACTERISTICS																			
Y-NOT TOOLED	ASSEMBLY ITEM NUMBER	EXTERNAL CONNECTOR SIZE	NUMBER OF POSITIONS	P.C. BOARD THICKNESS	KEYING OPTION	MOUNTING EARS OPTION	TERMINAL PLATING OPTION														
	42410-8312	8 POS. BODY	8	.062/(1.57)	NO	YES	A														
	42410-8314	↑	↑	.062/(1.57)	NO	NO	A														
	42410-8360	↑	↑	.062/(1.57)	YES	YES	A														
	42410-8362			.062/(1.57)	YES	NO	A														
	42410-8504			.125/(3.18)	NO	YES	A														
	42410-8506			.125/(3.18)	NO	NO	A														
	42410-8552	↓	↓	.125/(3.18)	YES	YES	A														
	42410-8554	8 POS. BODY	8	.125/(3.18)	YES	NO	A														
	42410-8600	8 POS. BODY	6	.062/(1.57)	NO	YES	A														
	42410-8602	↑	↑	.062/(1.57)	NO	NO	A														
	42410-8648			.062/(1.57)	YES	YES	A														
	42410-8650			.062/(1.57)	YES	NO	A														
	42410-8792			.125/(3.18)	NO	YES	A														
	42410-8794			.125/(3.18)	NO	NO	A														
	42410-8840	↓	↓	.125/(3.18)	YES	YES	A														
	42410-8842	8 POS. BODY	6	.125/(3.18)	YES	NO	A														
	42410-8888	8 POS. BODY	4	.062/(1.57)	NO	YES	A														
	42410-8890	↑	↑	.062/(1.57)	NO	NO	A														
	42410-8936			.062/(1.57)	YES	YES	A														
	42410-8938	↑	↑	.062/(1.57)	YES	NO	A														
	42410-9080			.125/(3.18)	NO	YES	A														
	42410-9082			.125/(3.18)	NO	NO	A														
	42410-9128	↓	↓	.125/(3.18)	YES	YES	A														
	42410-9130	8 POS. BODY	4	.125/(3.18)	YES	NO	A														
	42410-9176	8 POS. BODY	2	.062/(1.57)	NO	YES	A														
	42410-9178	↑	↑	.062/(1.57)	NO	NO	A														
	42410-9224			.062/(1.57)	YES	YES	A														
	42410-9226			.062/(1.57)	YES	NO	A														
	42410-9368			.125/(3.18)	NO	YES	A														
	42410-9370			.125/(3.18)	NO	NO	A														
	42410-9416	↓	↓	.125/(3.18)	YES	YES	A														
	42410-9418	8 POS. BODY	2	.125/(3.18)	YES	NO	A														
SEE SHEET 1 SEC NO: UCP2011-3830 DRAWN: JAGUILAR 2011/06/09 CHKD: BELL 2011/06/09 APPR: F SMITH 2012/02/14																					
QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION											
▽=0		mm INCH		DRAWN BY DATE		1:1 INCH															
▽=0		4 PLACES ± --- ± ---		GLT 1990/10/12																	
▽=0		3 PLACES ± --- ± .010		CHECKED BY DATE																	
▽=0		2 PLACES ± 0.25 ± ---		BAP 1990/10/12																	
		1 PLACE ± --- ± ---		APPROVED BY DATE																	
		ANGULAR ±1/2°		FSMITH 2012/02/14																	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SEE CHART		DOCUMENT NO.													
				SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															

SEE SHEET 1
EC NO. UCP2011-3830
DRAWN: JAGUILAR
CHKD: J.BELL
APPR: F.S.MITH
REV
N1

2011/06/06
2011/06/09
2012/02/14

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± .010
2 PLACES ± 0.25 ± ---
1 PLACE ± --- ± ---
ANGULAR ±1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM
DRAWN BY DATE
GLT 1990/10/12
CHECKED BY DATE
BAP 1990/10/12
APPROVED BY DATE
FSMITH 2012/02/14

SCALE
1:1
DESIGN UNITS
INCH
THIRD ANGLE PROJECTION

TITLE
ASSEMBLY: VERTICAL
MODULAR JACKS
(CONNECTOR SIZE 4)
MOLEX INCORPORATED

MATERIAL NO.
SEE CHART
DOCUMENT NO.
SDA-42410-****
SHEET NO.
4 OF 4

SIZE
D

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INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION