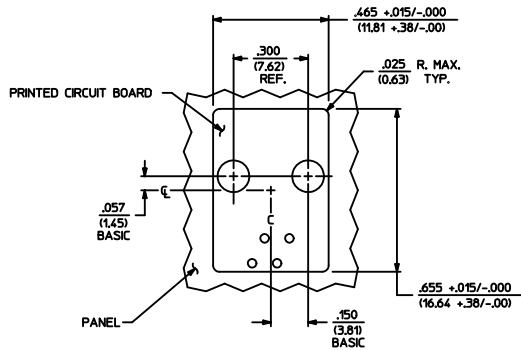
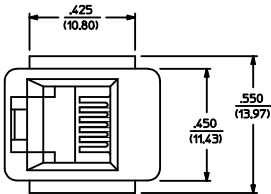


20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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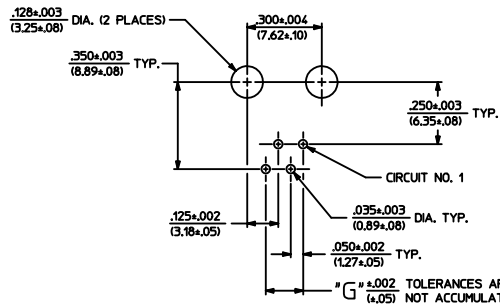
NOTES:

- 4 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 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.

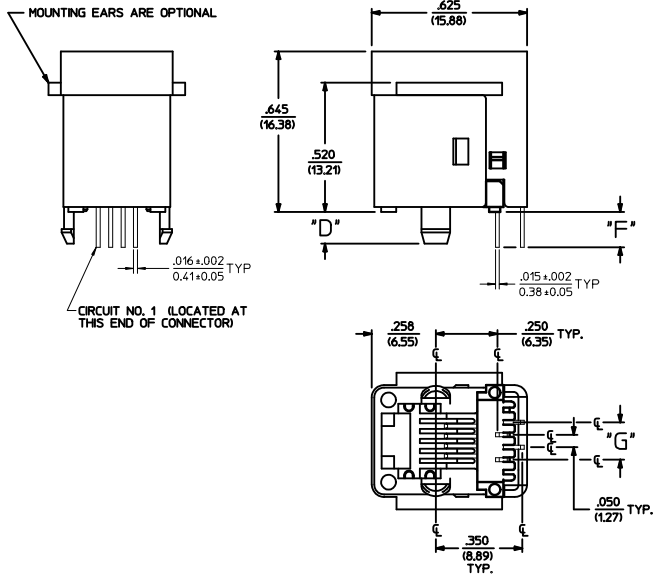
P.C. BOARD THICKNESS	DIM. "D" (MTG. PEGS)	DIM. "F" (P.C. TAILS)	CONNECTOR SIZE	CIRCUIT SIZE	DIM. "G"
0.062*	.128 (3.25)	.120 +.015/-.025 (3.05 +.38/-.63)	4	4	.150 (3.81)
0.125*	.191 (4.85)	.205 +.015/-.025 (5.21 +.38/-.63)	4	2	.150 (3.81)



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. UCP201F-3830 DRAWING: JAGULAR CHKD: BELL APPR: SELL DATE: 2011/06/09 DATE: 2012/02/14	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
			mm	INCH	DRAWN BY	DATE	TITLE	ASSEMBLY: VERTICAL MODULAR JACKS (CONNECTOR SIZE 4) MOLEX INCORPORATED
		4 PLACES	±---	±---	GLT	1990/10/12	ASSEMBLY: VERTICAL MODULAR JACKS (CONNECTOR SIZE 4)	
		3 PLACES	±---	±.010	CHECKED BY	DATE		
		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.		DOCUMENT NO.		SHEET NO. 1 OF 4
N1	REV			SEE SHEET 4 DIMENSION		SDA-42410-**** 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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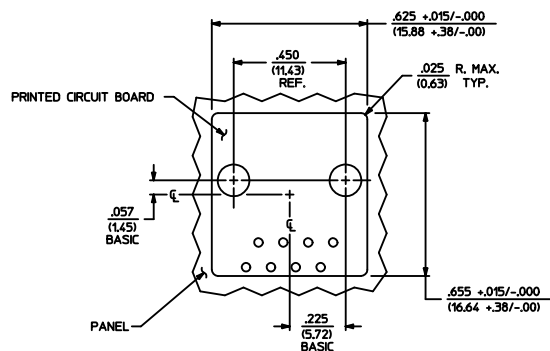
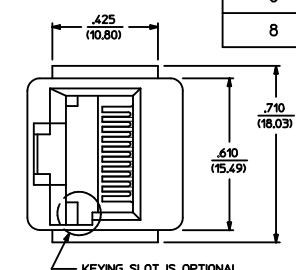
19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

NOTES:

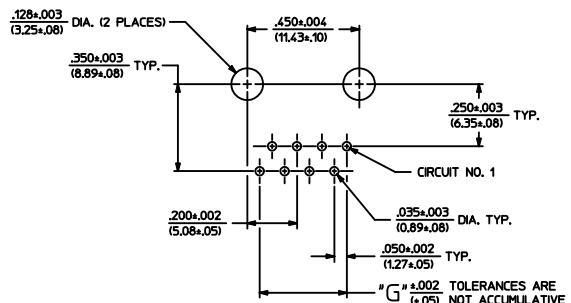
- 1) MATERIALS: HOUSING PARTS ARE MADE OF POLYESTER, RATED UL 94 V-0. COLOR IS BLACK. TERMINALS ARE .015/(0.38) THICK PHOSPHOR BRONZE.
- 2) TERMINAL PLATING OPTIONS PER ES-88-****
A - SELECT GOLD IN CONTACT AREA: 50 MICROINCHES MIN.
SELECT MATTE TIN IN PC TAIL AREA: 100 MICROINCHES MIN.
WITH OVERALL 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)

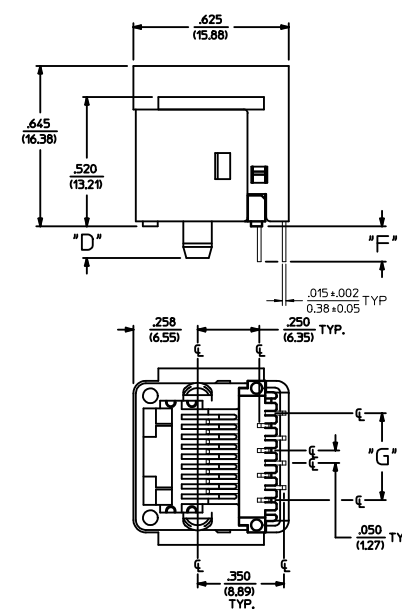
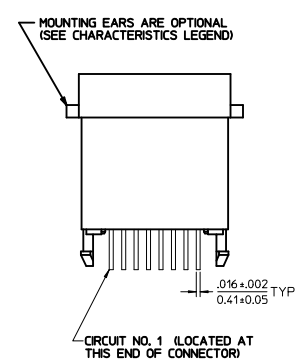
CONNECTOR SIZE	CIRCUIT SIZE	DIM. "G"
8	8	.350 (8.89)
8	6	.250 (6.35)
8	4	.150 (3.81)
8	2	.050 (1.27)



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 N1	EC NO: UC2010-3830 DRAWN: JAGUILAR CHKD: BELL APPROV: SMTH		2011/06/06 2011/06/09 2012/02/14	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
				▽=0	mm INCH		DRAWN BY DATE		TITLE		
				▽=0	4 PLACES ± ±		GLT 1990/10/12		ASSEMBLY, VERTICAL MODULAR JACKS (CONNECTOR SIZE 4)		
				▽=0	3 PLACES ± ± .010		CHECKED BY DATE				
				▽=0	2 PLACES ± 0.25 ±		BAP 1990/10/12				
				▽=0	1 PLACE ± ±		APPROVED BY DATE				
					ANGULAR ± 1/2°		FSMITH 2012/02/14		 MOLEX INCORPORATED		
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
							SEE SHEET 4		SDA-42410-****		3 OF 4
							SIZE D 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

	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						SIZE 6 VERTICAL MODJACK ASSEMBLIES						SIZE 8 VERTICAL MODJACK ASSEMBLIES																																															
PART CHARACTERISTICS						PART CHARACTERISTICS						PART CHARACTERISTICS																																															
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																													
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																													
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						2011/06/06						DRAWN: JAGUILAR						2011/06/09						CHKD: IRELL						2011/06/09						APPR: F SMITH						2012/02/14						REV					
QUALITY SYMBOLS						GENERAL TOLERANCES (UNLESS SPECIFIED)						DIMENSION STYLE						SCALE						DESIGN UNITS						THIRD ANGLE PROJECTION																													
▽=0						4 PLACES ±----						mm						INCH						DRAWN BY						DATE						TITLE																							
▽=0						3 PLACES ±----						±.010						GLT						1990/10/12						BAP						1990/10/12						ASSEMBLY, VERTICAL MODULAR JACKS (CONNECTOR SIZE 4)																	
▽=0						1 PLACE ±----						ANGULAR ±1/2°						APPROVED BY						DATE						MATERIAL NO.						DOCUMENT NO.						SHEET NO.																	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						SEE CHART						SDA-42410-****						4 OF 4						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

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

MATERIAL NO.
SEE CHART

DOCUMENT NO.
SDA-42410-****

SHEET NO.
4 OF 4

SCALE
1:1

DESIGN UNITS
INCH

THIRD ANGLE PROJECTION

ASSEMBLY: VERTICAL
MODULAR JACKS
(CONNECTOR SIZE 4)

MOLEX INCORPORATED

SIZE
D

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