

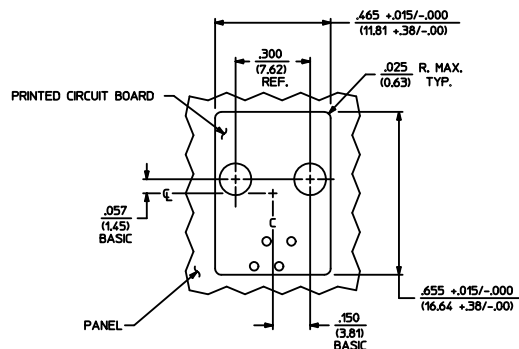
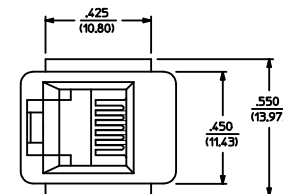
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

NOTES:

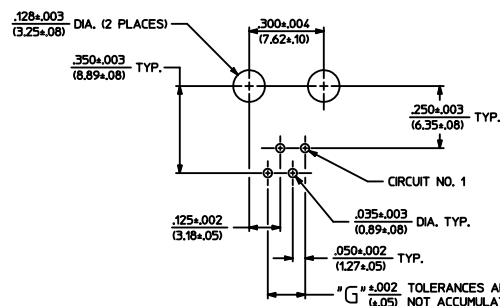
- 1) MATERIALS: HOUSING PARTS ARE MADE OF POLYESTER, RATED UL, 94 V-0, COLOR IS BLACK; TERMINALS ARE .015/(0.38) THICK PHOSPHOR BRONZE.
- 2) TERMINAL PLATING OPTIONS PER ES-88-***:
A - SELECT GOLD IN CONTACT AREA: 50 MICROINCHES MIN.,
SELECT MATTE TIN IN PC TAIL AREA: 100 MICROINCHES MIN.,
WITH OVERALL 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 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)
0.062"	.128 (3.25)	.120 +.015/- .025 (3.05 +.38/- .63)
0.125"	.191 (4.85)	.205 +.015/- .025 (5.21 +.38/- .63)

CONNECTOR SIZE	CIRCUIT SIZE	DIM. "G"
4	4	.150 (3.81)
4	2	.050 (1.27)

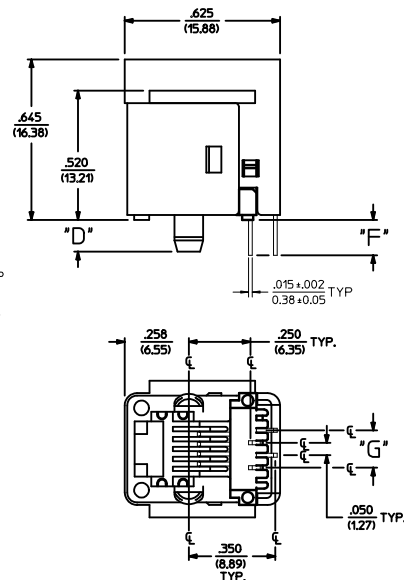
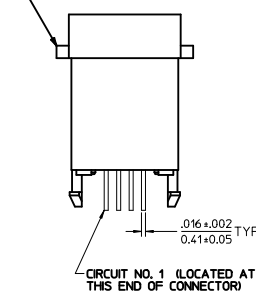


PANEL CUT-OUT FOR CONNECTOR SIZE 4



P.C. BOARD LAYOUT FOR CONNECTOR SIZE 4

MOUNTING EARS ARE OPTIONAL



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

ADD. TERMINAL DIM EC NO.: UCP2011-3830 DRWING: JAGUILAR CHKD: BELL APPR: F.S.MITH REV.	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION 2012/01/06 2011/06/09 2012/02/14	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2°	DIMENSION STYLE IN/MM DRAWN BY DATE GLT 1990/10/12 CHECKED BY DATE BAP 1990/10/12 APPROVED BY DATE FSM1TH 2012/02/14	SCALE 4:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	TITLE ASSEMBLY, VERTICAL MODULAR JACKS (CONNECTOR SIZE 4)  MOLEX INCORPORATED	MATERIAL NO. SEE SHEET 4	DOCUMENT NO. SDA-42410-****	SHEET NO. 1 OF 4
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								

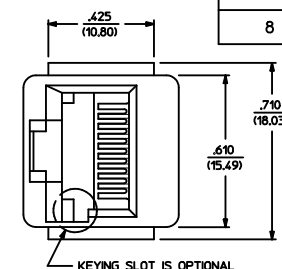
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Rev. F 2009/06/17

NOTES:

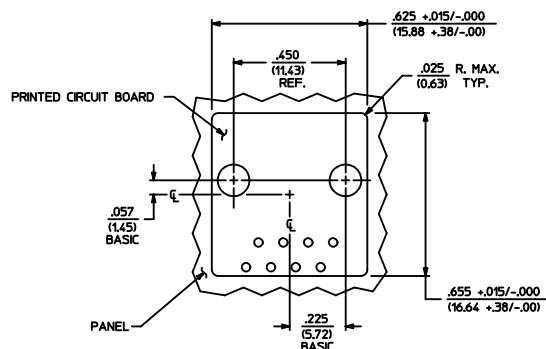
- 1) MATERIALS: HOUSING PARTS ARE MADE OF POLYESTER, RATED UL 94 V-0. COLOR IS BLACK. TERMINALS ARE .015/(0.38) THICK PHOSPHOR BRONZE.
- 2) TERMINAL PLATING OPTIONS PER ES-88-****:
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SELECT MATTE TIN IN PC TAIL AREA: 100 MICROINCHES MIN.
WITH OVERALL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

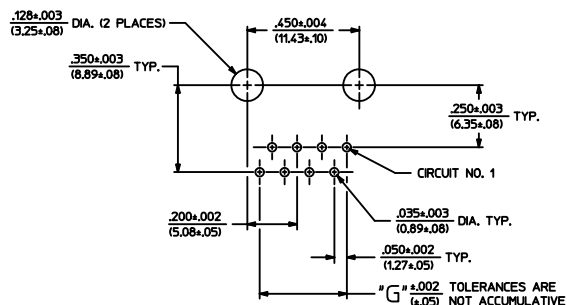
CONNECTOR SIZE	CIRCUIT SIZE	DIM. "G"
8	8	.350 (8.89)
8	6	.250 (6.35)
8	4	.150 (3.81)
8	2	.050 (1.27)



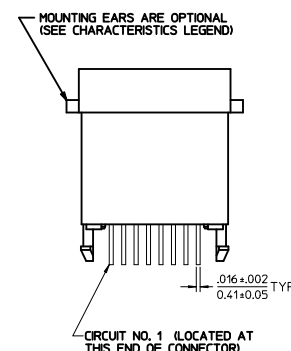
KEYING SLOT IS OPTIONAL



PANEL CUT-OUT FOR CONNECTOR SIZE 8

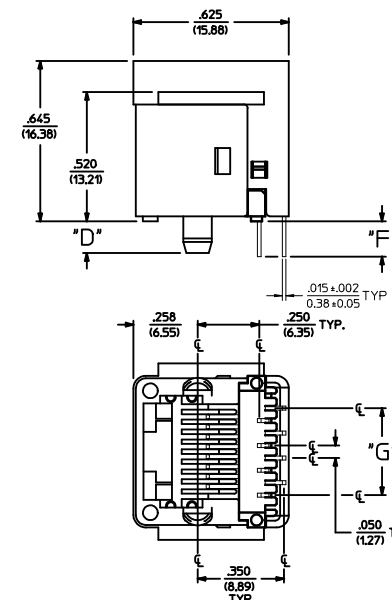


P.C. BOARD LAYOUT FOR CONNECTOR SIZE 8



MOUNTING EARS ARE OPTIONAL (SEE CHARACTERISTICS LEGEND)

CIRCUIT NO. 1 (LOCATED AT THIS END OF CONNECTOR)



SIZE 8 MODULAR JACK LOADED WITH 8 TERMINALS SHOWN ABOVE

(SEE SHEET 4 FOR PART NUMBER AVAILABILITY)

SEE SHEET 1 DEC NO. UCP2011-3830 DRWN: JAGUAR CHKD: JELL APPR: FSMTH	N1	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	ASSEMBLY, VERTICAL MODULAR JACKS (CONNECTOR SIZE 4) MOLEX INCORPORATED	
				mm	INCH	IN/MM						
			▽=0	4 PLACES ± .005	± .010	GLT	DATE	TITLE	4:1	INCH		ASSEMBLY, VERTICAL MODULAR JACKS (CONNECTOR SIZE 4)
			▽=0	3 PLACES ± .005	± .010	CHECKED BY	DATE					
			▽=0	2 PLACES ± .005	± .010	BAP	DATE					
			▽=0	1 PLACE ± .005	± .010	APPROVED BY	DATE					
			▽=0	ANGULAR ± 1/2°	± .010	FSMTH	DATE					
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
						SEE SHEET 4		SDA-42410-****		3 OF 4		
			REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
	SIZE D											

		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																					
X-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																					
X-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																					
X-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													