

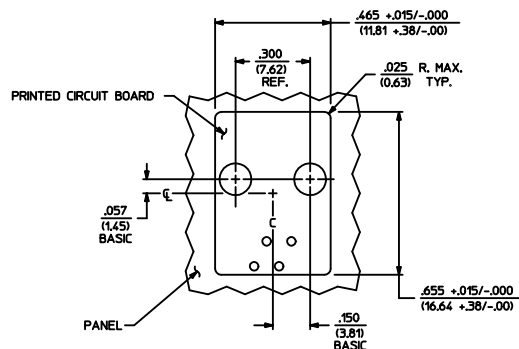
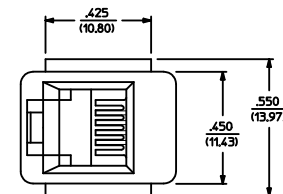
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

NOTES:

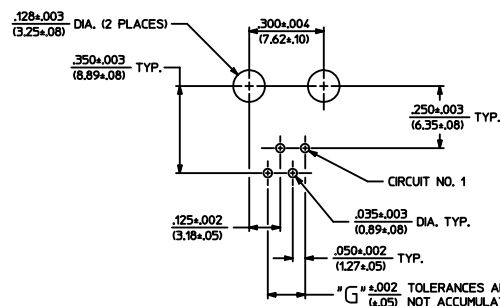
- 1) MATERIALS: HOUSING PARTS ARE MADE OF POLYESTER, RATED UL, 94 V-0, COLOR IS BLACK; TERMINALS ARE .015/(0.38) THICK PHOSPHOR BRONZE.
- 2) TERMINAL PLATING OPTIONS PER ES-88-***:
A - SELECT GOLD IN CONTACT AREA: 50 MICROINCHES MIN.,
SELECT MATTE TIN IN PC TAIL AREA: 100 MICROINCHES MIN.,
WITH OVERALL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

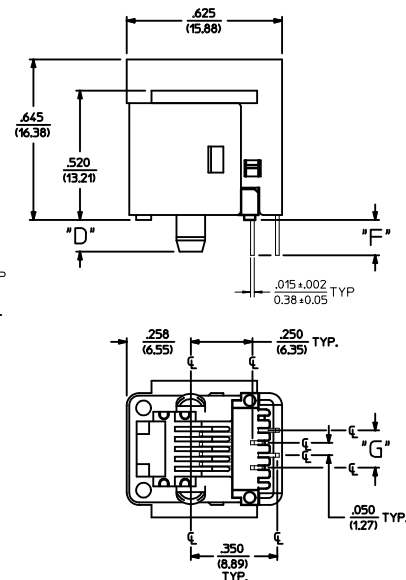
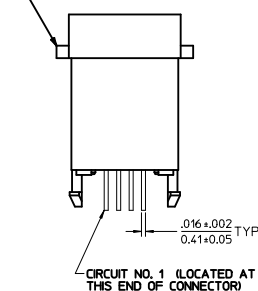


PANEL CUT-OUT FOR CONNECTOR SIZE 4



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)

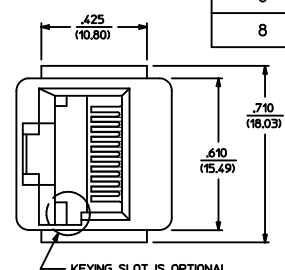
ADD. TERMINAL DIM NO.	REV.	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM	SCALE 4:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	TITLE	DOCUMENT NO.	SHEET NO.	
1		ADD. DIM. NO. UCP2011-3830	1	4 PLACES ± .010	GLT	1990/10/12	ASSEMBLY, VERTICAL MODULAR JACKS (CONNECTOR SIZE 4)					
2		DRWING: JAGUILAR	2	3 PLACES ± .010	CHECKED BY	DATE	MOLEX INCORPORATED					
3		CHKD: BELL	3	2 PLACES ± .025	BAP	1990/10/12	MOLEX INCORPORATED					
4		APPR: F.S.MITH	4	1 PLACE ± .010	APPROVED BY	DATE	MOLEX INCORPORATED					
5		DATE: 2012/02/14	5	ANGULAR ±1/2°	FSM1TH	2012/02/14	SDA-42410-****					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE SHEET 4								1 OF 4
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												

tb_frame_D_P_AM_T
Rev. F 2009/06/17

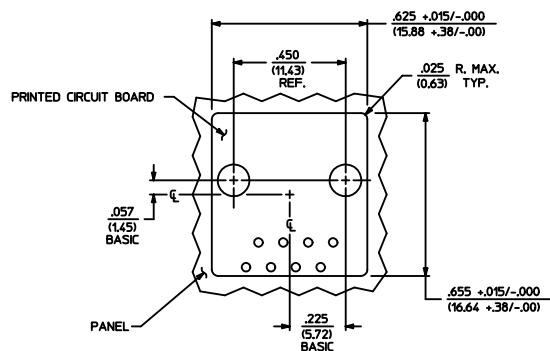
NOTES:
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8) SEE SHEETS 1 & 4 FOR CONNECTOR SIZE 4.
9) SEE SHEETS 2 & 4 FOR CONNECTOR SIZE 6.
10) SEE SHEET 4 FOR ASSEMBLY ITEM NUMBERS.
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P.C. BOARD THICKNESS	DIM. "D" (MTG. PEGS)	DIM. "F" (P.C. TAILS)
.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)

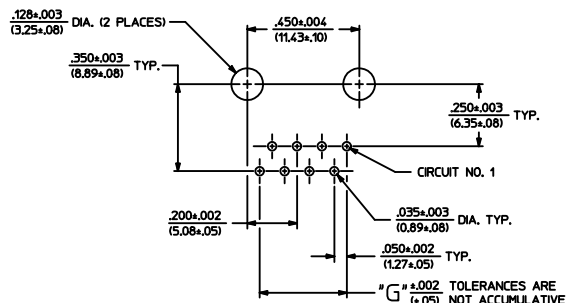
CONNECTOR SIZE	CIRCUIT SIZE	DIM. "G"
8	8	.350 (8.89)
8	6	.250 (6.35)
8	4	.150 (3.81)
8	2	.050 (1.27)



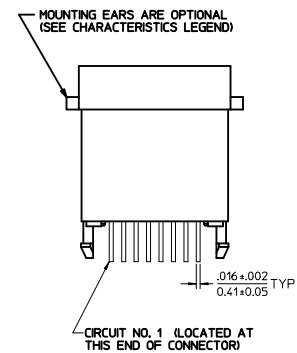
KEYING SLOT IS OPTIONAL



PANEL CUT-OUT FOR CONNECTOR SIZE 8

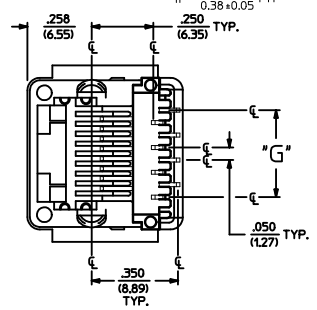
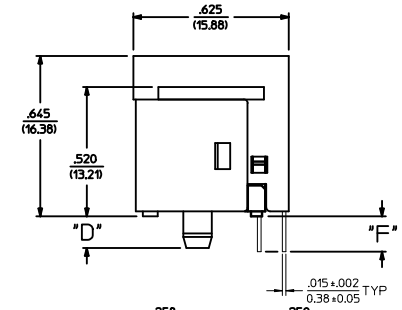


P.C. BOARD LAYOUT FOR CONNECTOR SIZE 8



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)

QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
▽=0		mm INCH		IN/MM		4:1		INCH		THIRD ANGLE PROJECTION	
▽=0		4 PLACES ± --- ± ---		DRAWN BY		DATE		TITLE		ASSEMBLY, VERTICAL MODULAR JACKS (CONNECTOR SIZE 4)	
▽=0		3 PLACES ± --- ± .010		CHECKED BY		DATE		BAP		1990/10/12	
▽=0		2 PLACES ± 0.25 ± ---		APPROVED BY		DATE		FSMITH		2012/02/14	
▽=0		1 PLACE ± --- ± ---		MATERIAL NO.		DOCUMENT NO.		SDA-42410-****		SHEET NO. 3 OF 4	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 4		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						SIZE 6 VERTICAL MODJACK ASSEMBLIES						SIZE 8 VERTICAL MODJACK ASSEMBLIES											
Y-NOT TOOLED	PART CHARACTERISTICS					Y-NOT TOOLED	PART CHARACTERISTICS					Y-NOT TOOLED	PART CHARACTERISTICS										
	ASSEMBLY ITEM NUMBER	EXTERNAL CONNECTOR SIZE	NUMBER OF POSITIONS	P.C. BOARD THICKNESS	MOUNTING EARS OPTION		TERMINAL PLATING OPTION	ASSEMBLY ITEM NUMBER	EXTERNAL CONNECTOR SIZE	NUMBER OF POSITIONS	P.C. BOARD THICKNESS		KEYING OPTION	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																	
Y-NOT TOOLED	PART CHARACTERISTICS					Y-NOT TOOLED	PART CHARACTERISTICS					Y-NOT TOOLED	PART CHARACTERISTICS										
	ASSEMBLY ITEM NUMBER	EXTERNAL CONNECTOR SIZE	NUMBER OF POSITIONS	P.C. BOARD THICKNESS	MOUNTING EARS OPTION		TERMINAL PLATING OPTION	ASSEMBLY ITEM NUMBER	EXTERNAL CONNECTOR SIZE	NUMBER OF POSITIONS	P.C. BOARD THICKNESS		KEYING OPTION	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																	

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)

MATERIAL NO.
SEE CHART

DOCUMENT NO.
SDA-42410-****

MOLEX INCORPORATED

SHEET NO.
4 OF 4

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INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION