

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0424104264](#)

For any questions, you can email us directly:

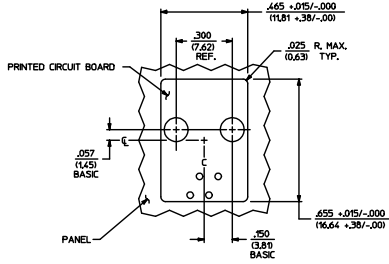
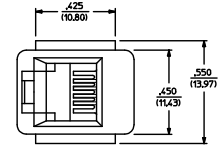
sales@integrated-circuit.com

NOTES:

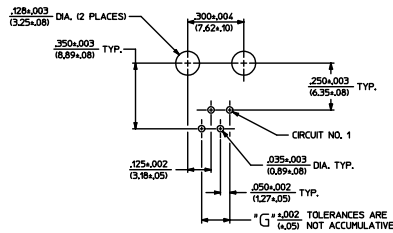
- 1) MATERIALS: HOUSING PARTS ARE MADE OF POLYESTER, RATED UL 94 V-0. COLOR IS BLACK; TERMINALS ARE .015/(0.38) THICK PHOSPHOR BRONZE.
- 2) TERMINAL PLATING OPTIONS PER ES-88-****:
 - A - SELECT GOLD IN CONTACT AREA: 50 MICRONS MIN.
 - B - SELECT MATTIE TN IN PC TAIL AREA: 100 MICRONS MIN.
 - C - WITH OVERALL NICKEL UNDERPLATE: 50 MICRONS 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 .025/(0.63) 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 MICRONS 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) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
- 12) ENGRAVED NUMBERS ON HOUSING BODY ARE FOR MOLDING IDENTIFICATION PURPOSES. 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/-0.025 (3.05 ±.38/-63)
0.125"	.191 (4.85)	.205 ±.015/-0.025 (5.21 ±.38/-63)

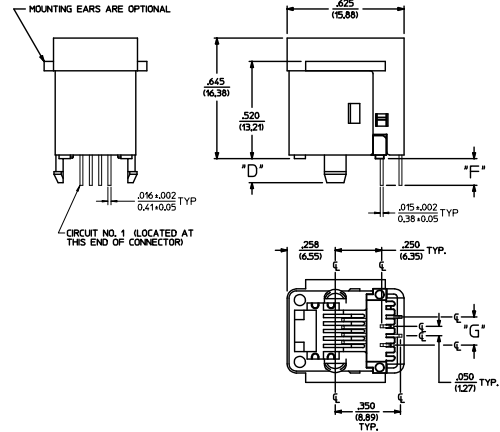
CONNECTOR SIZE	CIRCUIT SIZE	DIM. "G"
4	4	.150 (3.81)
4	2	.090 (2.27)



PANEL CUT-OUT FOR CONNECTOR SIZE 4



P.C. BOARD LAYOUT FOR CONNECTOR SIZE 4
VIEWED FROM COMPONENT SIDE



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

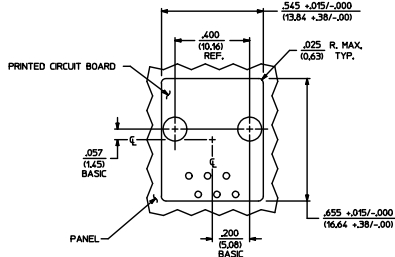
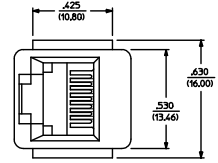
QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				IN/MM		4:1	INCH		
▽=0		4 PLACES	±.010	mm	INCH	DRAWN BY	DATE	ASSEMBLY: VERTICAL MODULAR JACKS	
▽=0		3 PLACES	±.010	mm	INCH	CHECKED BY	DATE		
▽=0		2 PLACES	±.025	mm	INCH	DAP	1990/10/12		
▽=0		1 PLACE	±.025	mm	INCH	APPROVED BY	DATE		
		0 PLACE	±.025	mm	INCH	FSMITH	2012/02/14		
		ANGULAR ±1/2°		SEE SHEET 4		DOCUMENT NO.			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

NOTES:

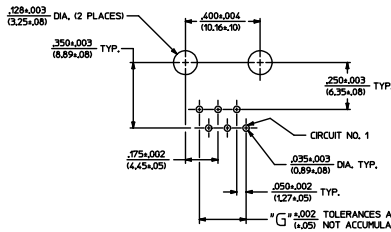
- 1) MATERIALS: HOUSING PARTS ARE MADE OF POLYESTER, RATED UL, 94 V-0, COLOR IS BLACK, TERMINALS ARE .015(0.38) THICK PHOSPHOR BRONZE.
- 2) TERMINAL PLATING OPTIONS PER ES-88-****:
 - A - SELECT GOLD IN CONTACT AREA: 50 MICRONS MIN.
 - SELECT MATTE TIN IN PC TAIL AREA: 100 MICRONS MIN.
 - WITH OVERALL NICKEL UNDERPLATE: 50 MICRONS MIN.
 - B - SELECT GOLD IN CONTACT AREA: 15 MICRONS MIN.
 - SELECT MATTE TIN IN PC TAIL AREA: 100 MICRONS MIN.
 - WITH OVERALL NICKEL UNDERPLATE: 50 MICRONS 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 MICRONS 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 6.
- 10) SEE SHEET 4 FOR ASSEMBLY ITEM NUMBERS.
- 11) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
- 12) ENGRAVED NUMBERS ON HOUSING BODY ARE FOR HOLDING 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(1.57)	.128 (3.25)	.120 +.015/-.025 (3.05 +.38/-.63)
0.125(3.18)	.191 (4.85)	.205 +.015/-.025 (5.21 +.38/-.63)

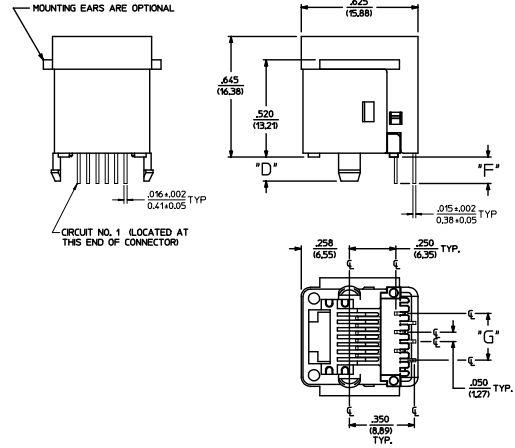
CONNECTOR SIZE	CIRCUIT SIZE	DIM. "G"
6	6	.250 (6.35)
6	4	.150 (3.81)
6	2	.050 (1.27)



PANEL CUT-OUT FOR CONNECTOR SIZE 6



P.C. BOARD LAYOUT FOR CONNECTOR SIZE 6
VIEWED FROM COMPONENT SIDE



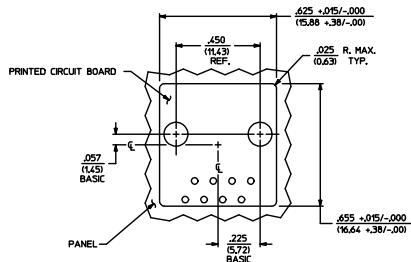
SIZE 6 MODULAR JACK LOADED WITH 6 TERMINALS SHOWN ABOVE
(SEE SHEET 4 FOR PART NUMBER AVAILABILITY)

QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		IN/MM	IN/IN			
▽=0	4 PLACES ±.005	mm	INCH	DRAWN BY	DATE	TITLE
▽=0	3 PLACES ±.010	mm	INCH	DLT	1990/10/12	ASSEMBLY, VERTICAL MODULAR JACKS
▽=0	2 PLACES ±.025	mm	INCH	CHECKED BY	DATE	
▽=0	1 PLACE ±.050	mm	INCH	BAP	1990/10/12	
▽=0	0 PLACE ±.100	mm	INCH	APPROVED BY	DATE	
	ANGULAR ±1/2°	mm	INCH	FSMITH	2012/02/14	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	mm	INCH			
SEE SHEET 4		SEE SHEET 4		DOCUMENT NO. SDA-42410-****		
SIZE D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SIZE D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 2 OF 4		

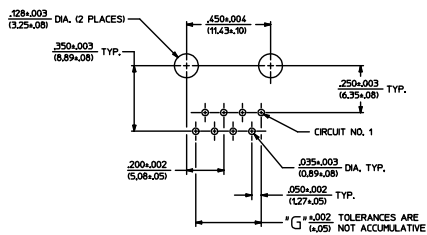
NOTES:
1) MATERIALS: HOUSING PARTS ARE MADE OF POLYESTER, RATED UL, 94 V-0, COLOR IS BLACK; TERMINALS ARE .015(0.38) THICK PHOSPHOR BRONZE.
2) TERMINAL PLATING OPTIONS PER ES-88-444:
A - SELECT GOLD IN CONTACT AREA: 50 MICRONS MIN.
SELECT MATTE TIN IN PC TAIL AREA: 100 MICRONS MIN.
3) THESE MODULAR JACKS 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.
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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) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
12) ENGRAVED NUMBERS ON HOUSING BODY ARE FOR HOLDING 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)

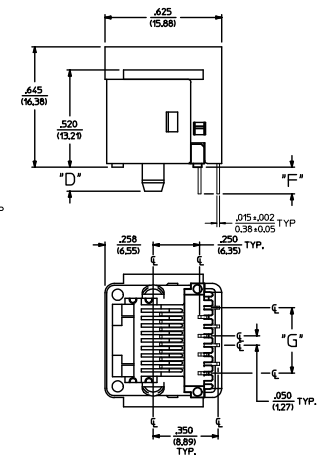
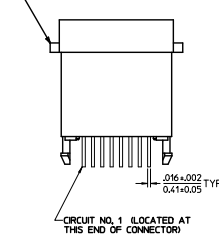


PANEL CUT-OUT FOR CONNECTOR SIZE 8



P.C. BOARD LAYOUT FOR CONNECTOR SIZE 8
VIEWED FROM COMPONENT SIDE

MOUNTING EARS ARE OPTIONAL
(SEE CHARACTERISTICS LEGEND)



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			
	mm	INCH	IN/MM	IN/IN						
▽=0	4 PLACES ±.005	±.005	DRAWN BY	DATE	4:1	INCH	ASSEMBLY, VERTICAL MODULAR JACKS			
▽=0	3 PLACES ±.010	±.010	GAL	1990/10/12						
▽=0	2 PLACES ±.025	±.025	CHECKED BY	DATE	4:1	INCH	ASSEMBLY, VERTICAL MODULAR JACKS			
▽=0	1 PLACE ±.050	±.050	APPROVED BY	DATE						
▽=0	0 PLACE ±.100	±.100	FSMITH	2012/02/14	4:1	INCH	ASSEMBLY, VERTICAL MODULAR JACKS			
ANGULAR ±1/2°										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										
SEE SHEET 4					DOCUMENT NO.		SDA-42410-XXXX			
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					SHEET NO.					
							3 OF 4			

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