

Excellent Integrated System Limited

Stocking Distributor

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

[Molex Connector Corporation](#)
[0424106552](#)

For any questions, you can email us directly:

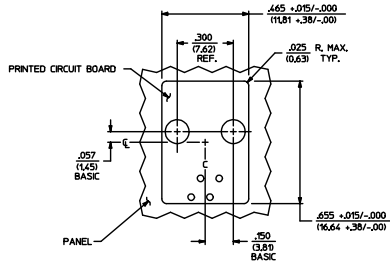
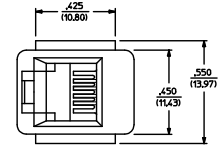
sales@integrated-circuit.com

NOTES:

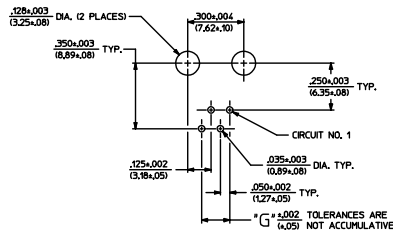
- 1) MATERIALS: HOUSING PARTS ARE MADE OF POLYESTER, RATED UL 94 V-0. COLOR IS BLACK. TERMINALS ARE .015/(0.38) THICK PHOSPHOR BRONZE.
- 2) TERMINAL PLATING OPTIONS PER ES-88-****:
 - A - SELECT GOLD IN CONTACT AREA: 50 MICRONS MIN.
 - SELECT MATTE TIN IN PC TAIL AREA: 100 MICRONS MIN.
 - WITH OVERALL 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 .025/(0.18) 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 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)

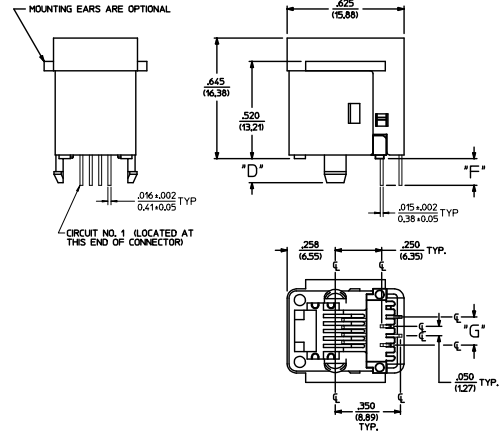
CONNECTOR SIZE	CIRCUIT SIZE	DIM. "G"
4	4	.150 (3.81)
4	2	.090 (2.27)



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)

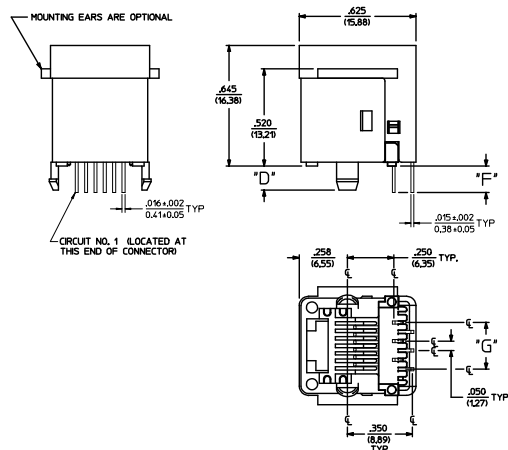
QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION
	mm	INCH	IN/MM	IN/IN			
▽=0	4 PLACES ±.010	±.010	DRAWN BY	DATE	4:1	INCH	ASSEMBLY, VERTICAL MODULAR JACKS
▽=0	3 PLACES ±.025	±.025	CHECKED BY	DATE			
▽=0	2 PLACES ±.035	±.035	DAP	1990/10/12			
▽=0	1 PLACE ±.050	±.050	APPROVED BY	DATE			
▽=0	0 PLACE ±.075	±.075	FSMITH	2012/02/14			
ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 4		SDA-42410-****		1 OF 4	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

CONNECTOR SIZE	CIRCUIT SIZE	DIM. "G"
6	6	$\frac{.250}{(6.35)}$
6	4	$\frac{.150}{(3.81)}$
6	2	$\frac{.050}{(1.27)}$

- 1 MATERIALS: HOUSING PARTS ARE MADE OF POLYESTER, RATED UL 94 V-0, COLOR IS BLACK, TERMINALS ARE .075(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.
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 HOLEX PRODUCT SPECIFICATION PS-42410.
- 4 CONNECTORS ARE PACKED IN THE HOLES SPECIFIED BY HOLES SPECIFICATION PS-42410-492.
- 5 ALL JACKS ARE DESIGNED TO BE USED WITH .062(1/16) OR .125(3/32) THICK PC's, BOARDS.
- 6 ALL JACKS CONFORM TO AND ACCEPT PLUGS CONFORM TO FCC RULES AND REGULATIONS.
- 7 PART A SURFACE IS PLATED WITH 50 MICRONS GOLD.
- 7 ALL JACKS MUST BE CAPABLE OF FITTING INTO MOLEX G-42410 JACKING SPEC SPEC 4L
- 8 SEE SHEETS 1 & 4 FOR CONNECTOR SIZE.
- 9 SEE SHEETS 3 & 4 FOR CONNECTOR SIZE B.
- 10 SEE SHEET 4 FOR ASSEMBLY ITEM NUMBERS.
- 10 PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-402.
- 12 ENGRAVED NUMBERS ON HOUSING BODY ARE FOR MOLDING IDENTIFICATION ONLY.
- 12 THEY ARE NOT INTENDED FOR ASSEMBLY IDENTIFICATION.
- 13 ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.



VIEWED FROM COMPONENT SIDE



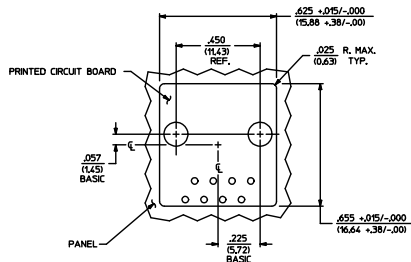
SIZE 6 MODULAR JACK LOADED WITH 6 TERMINALS SHOWN ABOVE

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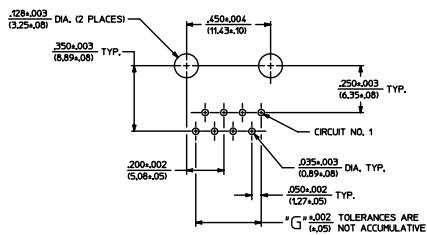
NOTES:
1) MATERIALS: HOUSING PARTS ARE MADE OF POLYESTER, RATED UL, 94 V-0, COLOR IS BLACK; TERMINALS ARE .015(0.38) THICK PHOSPHOR BRONZE.
2) TERMINAL PLATING OPTIONS PER ES-88-444:
A - SELECT GOLD IN CONTACT AREA: 50 MICRONS MIN.
SELECT MATTE TIN IN PC TAIL AREA: 100 MICRONS MIN.
3) THESE MODULAR JACKS 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.
6) ALL JACKS CONFORM TO AND ACCEPT PLUGS WHICH CONFORM TO FCC RULES AND REGULATIONS PART 68, SUBPART F, WHEN PLATED WITH 50 MICRONS OF 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) 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 $\pm$.015/-.025 (3.05 $\pm$.38/- .63)
.125/(3.18)	.191 (4.85)	.205 $\pm$.015/-.025 (5.21 $\pm$.38/- .63)

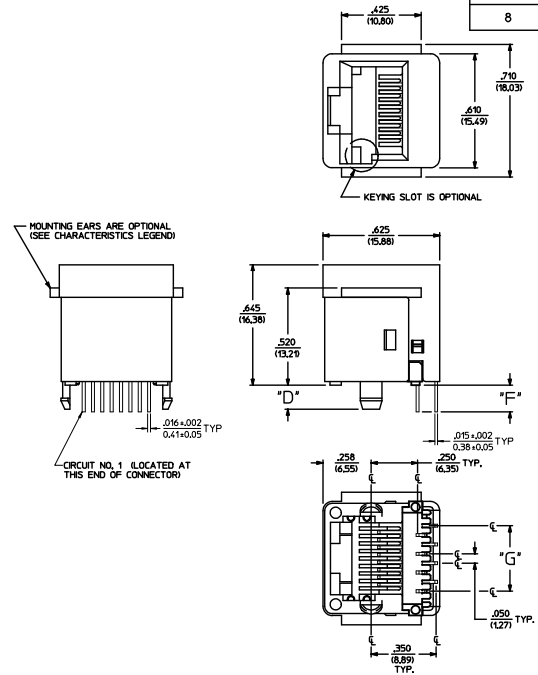
CONNECTOR SIZE	CIRCUIT SIZE	DIM. "G"
8	8	.350 (8.89)
8	6	.250 (6.35)
8	4	.150 (3.81)
8	2	.050 (1.27)



PANEL CUT-OUT FOR CONNECTOR SIZE 8



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



SIZE 8 MODULAR JACK LOADED WITH 8 TERMINALS SHOWN ABOVE
(SEE SHEET 4 FOR PART NUMBER AVAILABILITY)

SEE SHEET 1 REV. NO. 07705-2536 DATE 01/05/2014 APP. 10/05/2014	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE 4:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
			mm	INCH			
	 4 PLACES	$\pm .010$	$\pm .010$	DRAWN BY SAL	DATE 1990/10/12	ASSEMBLY; VERTICAL MODULAR JACKS	
	 3 PLACES	$\pm .010$	$\pm .010$	CHECKED BY QIP	DATE 1990/10/12		
	 2 PLACES	$\pm .010$	$\pm .010$	APPROVED BY FSMITH	DATE 2012/02/14		
	 1 PLACE	$\pm .010$	$\pm .010$	MATERIAL NOS.			
	 0 PLACE	$\pm .010$	$\pm .010$	DOCUMENT NO.			
	ANGULAR $\pm 1/2^\circ$				SHEET NO.		3 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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