

Excellent Integrated System Limited

Stocking Distributor

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

[Molex Connector Corporation](#)
[0424104314](#)

For any questions, you can email us directly:

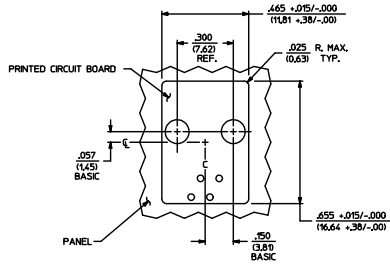
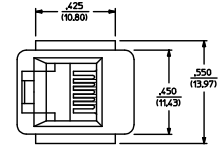
sales@integrated-circuit.com

NOTES:

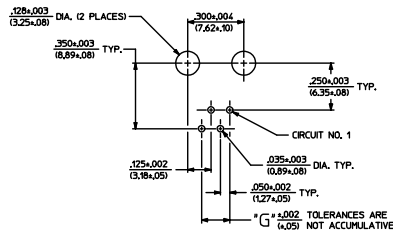
- 1) MATERIALS: HOUSING PARTS ARE MADE OF POLYESTER, RATED UL 94 V-0. COLOR IS BLACK. TERMINALS ARE .015/(0.38) THICK PHOSPHOR BRONZE.
- 2) TERMINAL PLATING OPTIONS PER ES-88-****:
A - SELECT GOLD IN CONTACT AREA: 50 MICRONS MIN.
SELECT MATTE TIN IN PC TAIL AREA: 100 MICRONS MIN.
WITH OVERALL NICKEL 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/(0.63) 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/-.025 (3.05 +.38/-.63)
0.125"	.191 (4.85)	.205 +.015/-.025 (5.21 +.38/-.63)

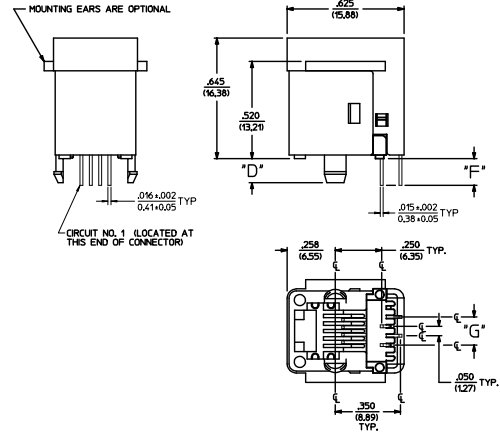
CONNECTOR SIZE	CIRCUIT SIZE	DIM. "G"
4	4	.150 (3.81)
4	2	.090 (2.27)



PANEL CUT-OUT FOR CONNECTOR SIZE 4



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

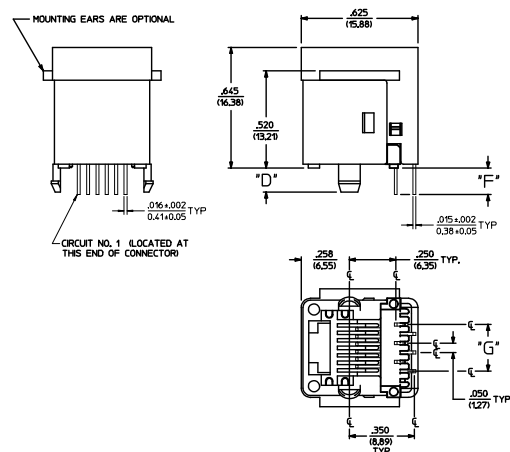


SIZE 4 MODULAR JACK LOADED WITH 4 TERMINALS SHOWN ABOVE
(SEE SHEET 4 FOR PART NUMBER AVAILABILITY)

QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
				IN/MM		4:1		INCH			
▽=0		4 PLACES ±.010		DRAWN BY		DATE		TITLE		ASSEMBLY; VERTICAL MODULAR JACKS	
▽=0		3 PLACES ±.025		CHECKED BY		DATE					
▽=0		2 PLACES ±.035		APPROVED BY		DATE					
		1 PLACE ±.050		PATERSON, JR.		2012/02/14					
		0 PLACE ±.075		ANGULAR ±1/2°							
				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							

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

-



10.8±.003
(3.25±.008) DIA. (2 PLACES)

350±.003
(8.89±.008) TYP.

.400±.004
(10.16±.10)

.250±.003
(6.35±.008) TYP.

CIRCUIT NO. 1

.175±.002
(4.45±.005)

.035±.003
(0.89±.008) DIA. TYP.

.050±.002
(1.27±.005) TYP.

.015±.002
(0.38±.005) TYP.

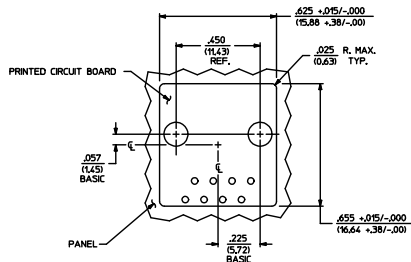
TOLERANCES ARE NOT ACTUAL

SEE SHEET 1 NO. 02005-238 2010/12/24 CHANG 2010/12/24	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM	SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
	DESCRIPTION 1. 4 PLACES ±.000 INCH 2. 3 PLACES ±.010 INCH 3. 2 PLACES ±.025 INCH 4. 1 PLACE ±.000 INCH 5. 0 PLACE 1/2"	DRAWN BY GLT CHECKED BY RAL APPROVED BY DATE 1990/10/12 1990/10/12 2012/02/14	ASSEMBLY, VERTICAL MODULAR JACKS		PATENT NO. SDA-42410-****	SHEET NO. 2 OF 4
	DRAFT WITH PERMITS MUST REMAIN UNCHANGED	ANGULAR 4/12"	SEE SHEET 4 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX CORPORATION AND SHOULD NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.			

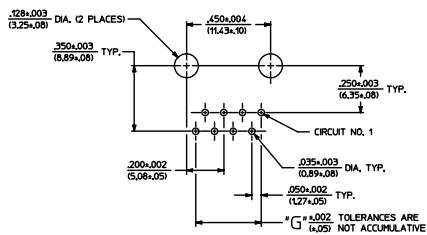
NOTES:
1) MATERIALS: HOUSING PARTS ARE MADE OF POLYESTER, RATED UL, 94 V-0, COLOR IS BLACK; TERMINALS ARE .015(0.38) THICK PHOSPHOR BRONZE.
2) TERMINAL PLATING OPTIONS PER ES-88-444:
A - SELECT GOLD IN CONTACT AREA: 50 MICRONS MIN.
SELECT MATTE TIN IN PC TAIL AREA: 100 MICRONS MIN.
3) THESE MODULAR JACKS 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 +.015/-.025 (3.05 +.38/-.63)
.125/(3.18)	.191 (4.85)	.205 +.015/-.025 (5.21 +.38/-.63)

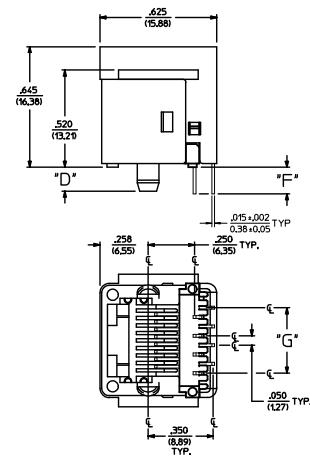
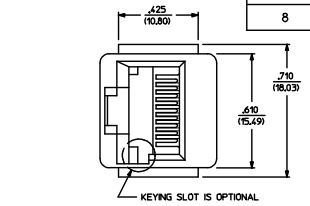
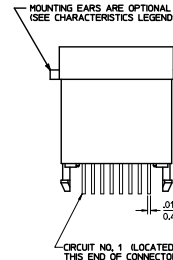
CONNECTOR SIZE	CIRCUIT SIZE	DIM. "G"
8	8	.350 (8.89)
8	6	.250 (6.35)
8	4	.150 (3.81)
8	2	.050 (1.27)



PANEL CUT-OUT FOR CONNECTOR SIZE 8



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



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			
4 PLACES	±.005	±.002	±.005	±.002	4:1	INCH	ASSEMBLY, VERTICAL MODULAR JACKS
3 PLACES	±.010	±.005	±.010	±.005			
2 PLACES	±.025	±.010	±.025	±.010			
1 PLACE	±.050	±.020	±.050	±.020			
0 PLACE	±.100	±.040	±.100	±.040			
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			

SEE SHEET 1 NO. LEADS - 25# DATE ORDERED 28090724 QUANTITY 28090724 DESCRIPTION CHAMBERLAIN PART NUMBER 28090724	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM		SHEET 11	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
			mm INCH	DRAWN BY DATE	TITLE	ASSEMBLY, VERTICAL MODULAR JACKS		
		4 PLACES .010	GLT 1990/10/12	CHECKED BY DATE	DOCUMENT NO. SDA-42240-*****			
		3 PLACES .010	FMSH 1990/10/12	APPROVED BY DATE				
		1 PLACE .025	BAR 2012/02/14	PARTIAL NO.				
		1 PLACE .010	ANGULAR ±1/2°	DRAFT WHERE APPLICABLE				SHEET NO. 4 OF 4
			MILITARY DRAWING	SEE CHART		THIS DRAWS CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX CORPORATION AND SHOULD NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF MOLEX CORPORATION.		