

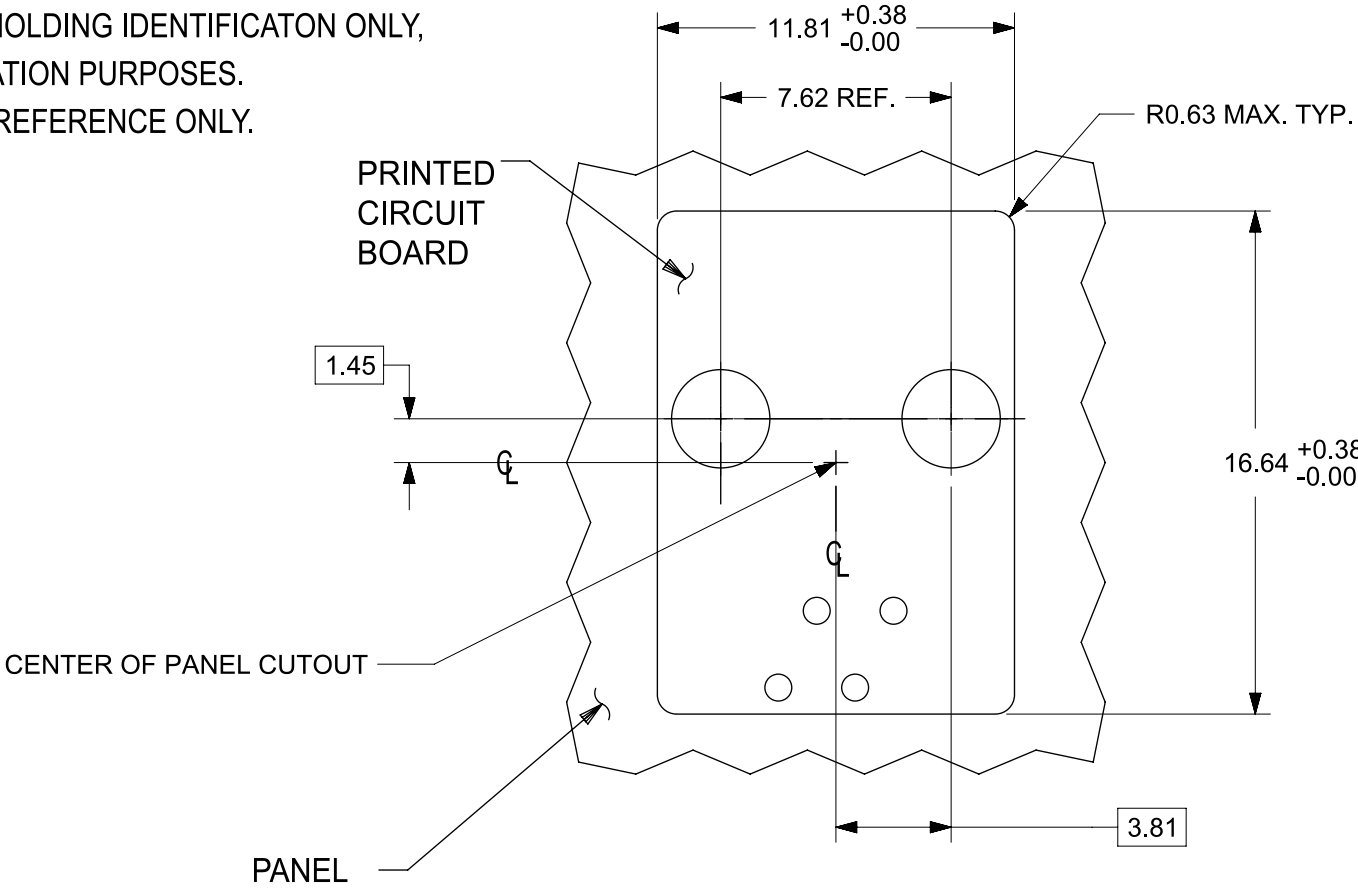
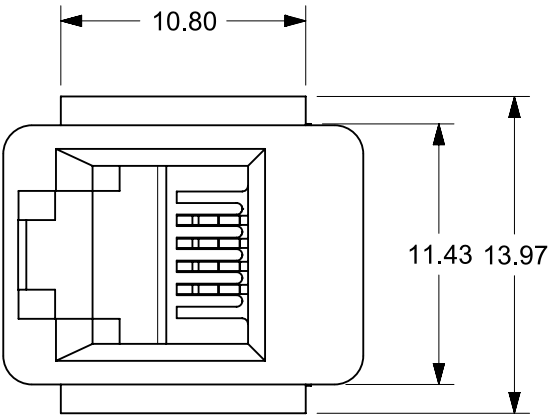
NOTES:

- 1) MATERIALS: HOUSING PARTS ARE MADE OF POLYESTER, RATED U.L. 94 V-0, COLOR IS BLACK; TERMINALS ARE 0.38 mm THICK PHOSPHOR BRONZE.
- 2) TERMINAL PLATING OPTIONS PER ES-88-***:
A - SELECT GOLD IN CONTACT AREA: 1.27 MICROMETERS MIN.,
SELECT MATTE TIN IN PC TAIL AREA: 2.54 MICROMETERS MIN.,
WITH OVERALL NICKEL UNDERPLATE: 1.27 MICROMETERS 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 1.57mm 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 1.27 MICROMETERS GOLD.
- 7) ALL JACKS MUST BE CAPABLE OF FITTING INTO MOLEX GAGE G-42410.
- 8) SEE SHEET 2 FOR CONNECTOR SIZE 6.
- 9) SEE SHEET 3 FOR CONNECTOR SIZE 8.
- 10) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
- 11) ENGRAVED NUMBERS ON HOUSING BODY ARE FOR MOLDING IDENTIFICATON ONLY, THEY ARE NOT INTENDED FOR ASSEMBLY IDENTIFICATION PURPOSES.
- 12) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.

P.C. BOARD THICKNESS	DIM. "D" (MTG PEGS)	DIM. "F" (P.C. TAILS)
1.57	3.25	3.05 +0.38/-0.63

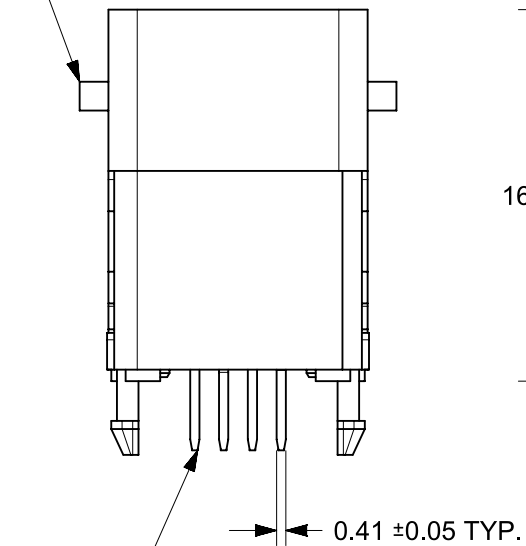
CONNECTOR SIZE	CIRCUIT SIZE	DIM. "G"
4	4	3.81

SIZE 4 VERTICAL MODJACK ASSEMBLIES						
"X"= NOT TOOLED	ASSEMBLY ITEM NUMBER	PART CHARACTERISTICS				
		EXTERNAL CONNECTOR SIZE	NUMBER OF POSITIONS	P.C. BOARD THICKNESS	MOUNTING EARS OPTION	TERMINAL PLATING OPTION
	42410-4168	4 POS. BODY	4	1.57	YES	A
	42410-4170	4 POS. BODY	4	1.57	NO	A

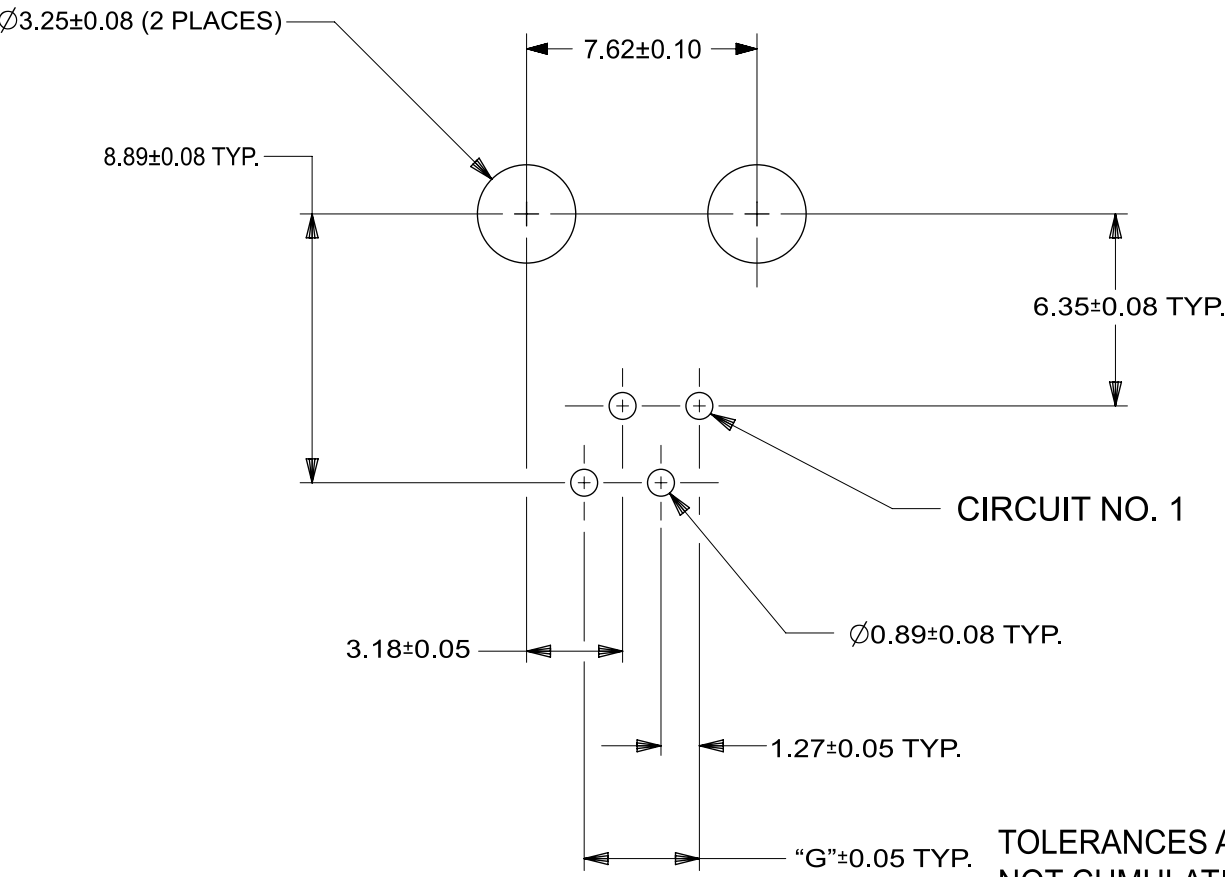
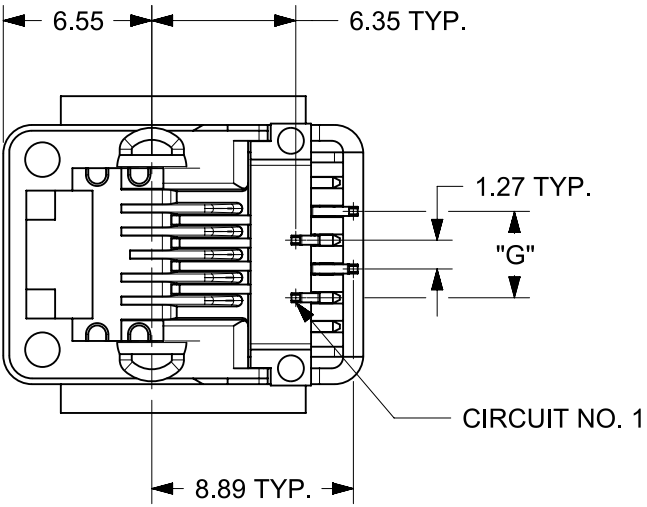
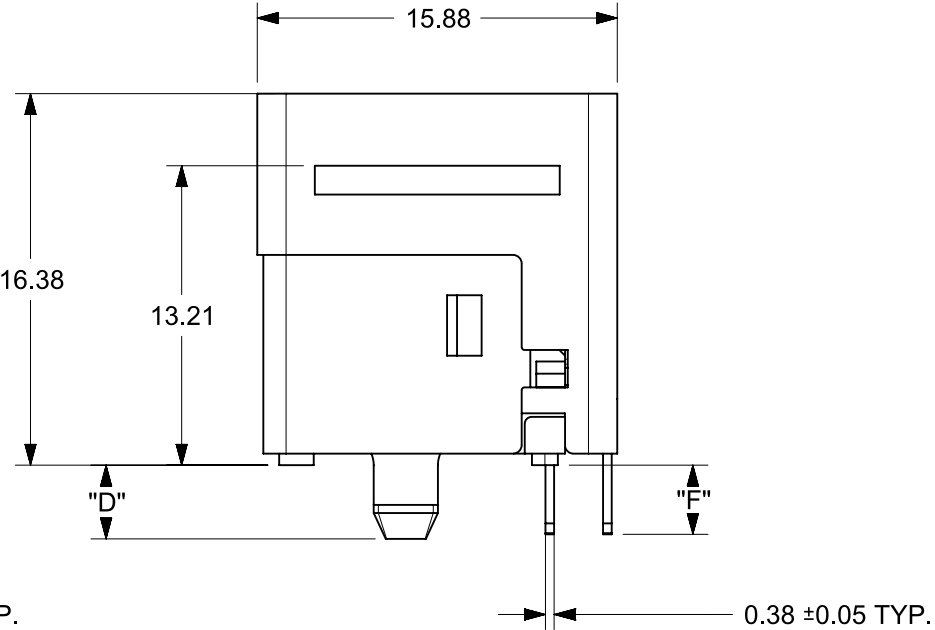


PANEL CUT-OUT FOR CONNECTOR SIZE 4

MOUNTING EARS ARE OPTIONAL

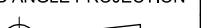


CIRCUIT NO. 1 (LOCATED AT THIS END OF CONNECTOR)



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

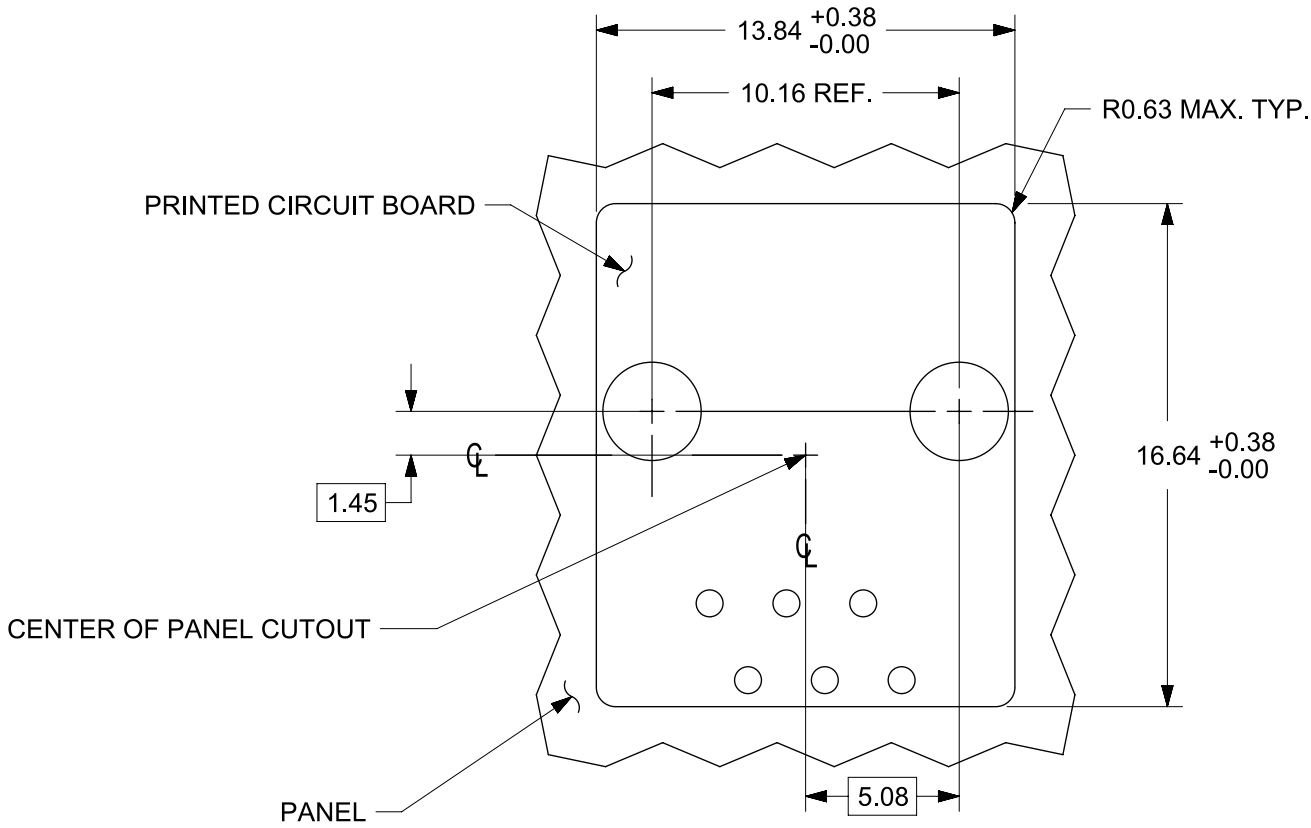
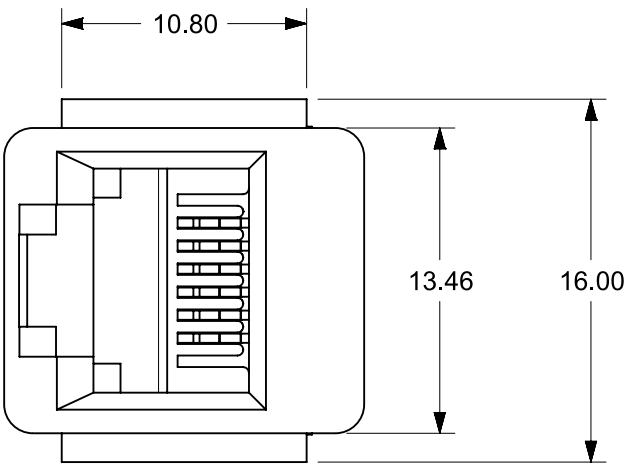
SIZE 4 MODULAR JACK LOADED WITH 4 TERMINALS SHOWN ABOVE

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
F_A = 0 F_C = 0 F_P = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: Remove the call out in the tables for 3.18mm PCB thickness on all 3 pages. This product has been obsoleted			molex									
	MM		3:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)																
ANGULAR TOL ± 0.5°																	
4 PLACES		±															
3 PLACES		±															
DIVISIONAL SYMBOLS	2 PLACES		± 0.250		STATUS: Production			PRODUCT CUSTOMER DRAWING									
	1 PLACE		± 0.35														
	0 PLACES		±														
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION
						C-SIZE		424 10		424108312		PSD		000		N5	
										MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
										SEE CHART		GENERAL MARKET				1 OF 3	

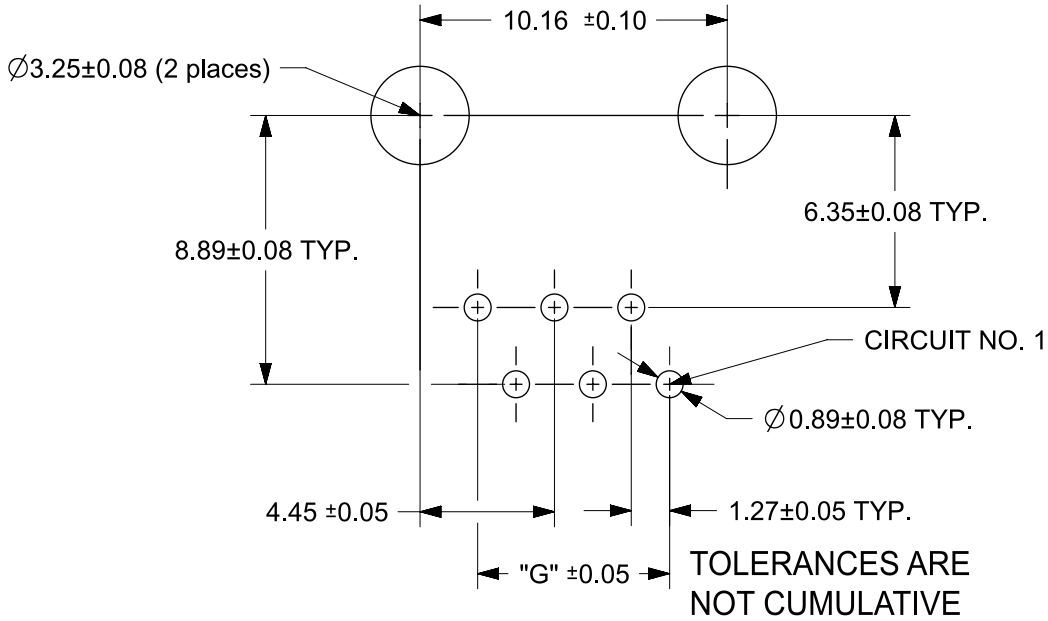
PREVIOUS DRAWING: SDA-42410-XXXX

12	11	10	9	8	7	6	5	4	3	2	1
NOTES:				P.C. BOARD THICKNESS			DIM. "D" (MTG PEGS)		DIM. "F" (P.C. TAILS)		
1) SEE SHEET 1 FOR ALL UNSPECIFIED NOTES.				1.57			3.25		3.05 +0.38/-0.63		
2) SEE SHEET 1 FOR CONNECTOR SIZE 4											
3) SEE SHEET 3 FOR CONNECTOR SIZE 8											
4) ALL JACKS MUST BE CAPABLE OF FITTING INTO MOLEX GAGE G-42410 (CONNECTOR SIZE 6)											
				CONNECTOR SIZE			CIRCUIT SIZE		DIM. "G"		
				6			6		6.35		
				6			4		3.81		
				6			2		1.27		

SIZE 6 VERTICAL MODJACK ASSEMBLIES						
"X"= NOT TOOLED	ASSEMBLY ITEM NUMBER	PART CHARACTERISTICS				
		EXTERNAL CONNECTOR SIZE	NUMBER OF POSITIONS	P.C. BOARD THICKNESS	MOUNTING EARS OPTION	TERMINAL PLATING OPTION
	42410-6168	6 POS. BODY	6	1.57	YES	A
	42410-6170	6 POS. BODY	6	1.57	NO	A
	42410-6314	6 POS. BODY	4	1.57	NO	A
	42410-6456	6 POS. BODY	2	1.57	YES	A



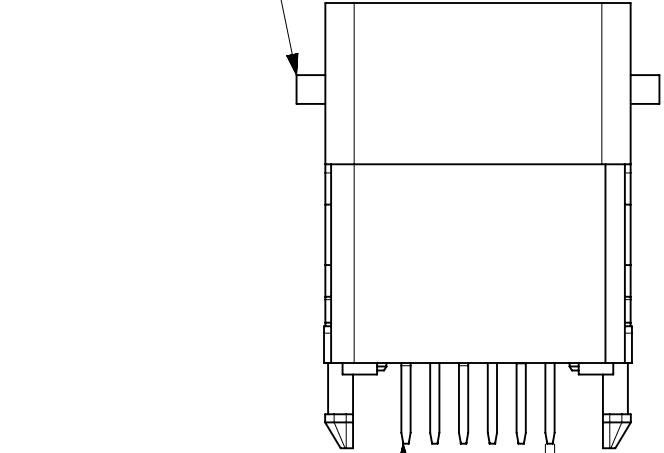
PANEL CUT-OUT FOR CONNECTOR SIZE 6



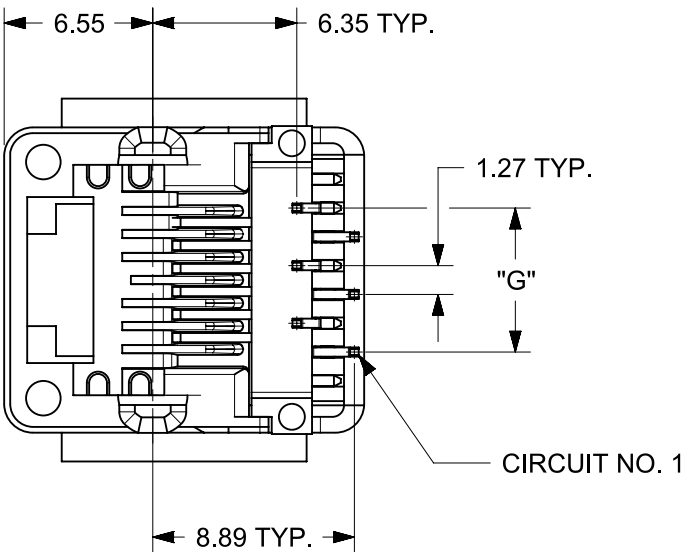
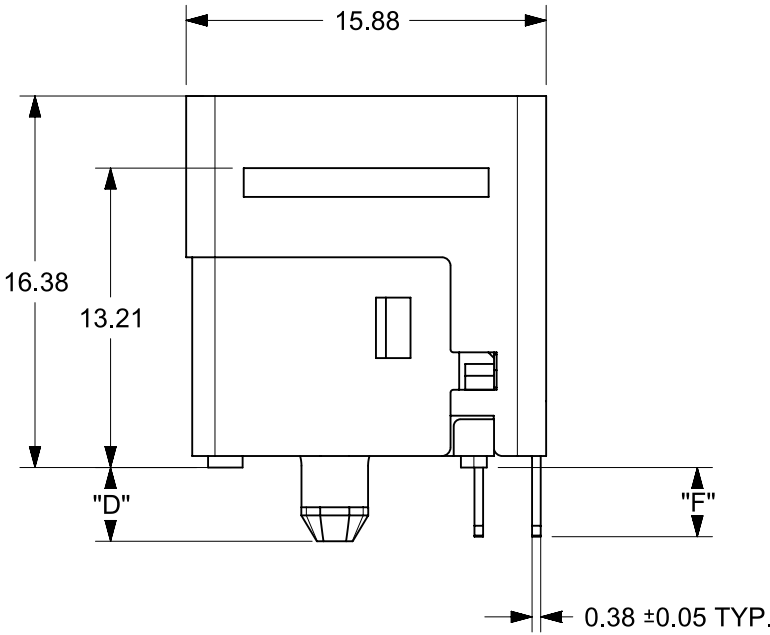
P.C. BOARD LAYOUT FOR CONNECTOR SIZE 6

VIEWED FROM COMPONENT SIDE

MOUNTING EARS ARE OPTIONAL



0.41 ±0.05 TYP.

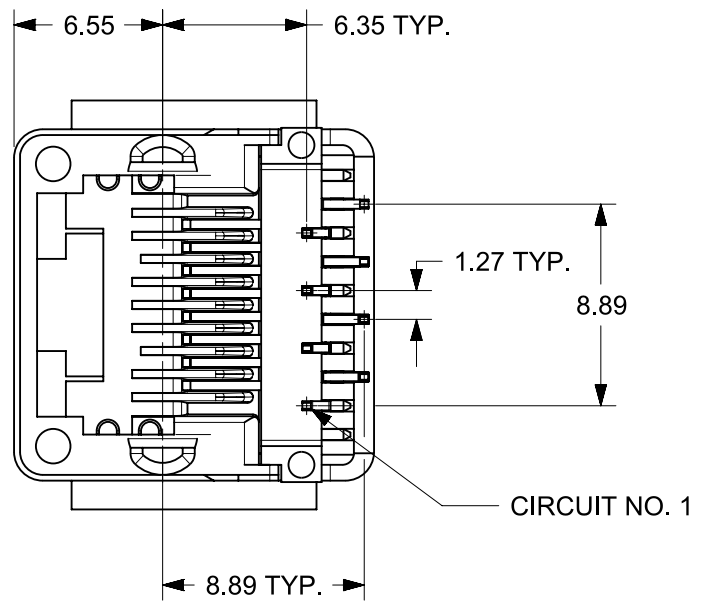


SIZE 6 MODULAR JACK LOADED WITH 6 TERMINALS SHOWN ABOVE

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
	DIMENSION UNITS	SCALE	CURRENT REV DESC: Remove the call out in the tables for 3.18mm PCB thickness on all 3 pages. This product has been obsoleted							
DIVISIONAL SYMBOLS	MM	3:1	STATUS: Production DRWN: Faye Wang CHK'D: Sean Mc Greevy APPR: Keith Lang							
	GENERAL TOLERANCES (UNLESS SPECIFIED)									
DIVISIONAL SYMBOLS	ANGULAR TOL	± 0.5°	2026-02-24 2026-03-02 2026-03-02							
	4 PLACES	±								
	3 PLACES	±								
	2 PLACES	± 0.250								
	1 PLACE	± 0.35								
	0 PLACES	±								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER		
				C-SIZE	42410	SEE CHART	GENERAL MARKET	2 OF 3		

4) ALL JACKS MUST BE CAPABLE OF FITTING INTO MOLEX GAGE G-42410 (CONNECTOR SIZE 8)

SIZE 8 VERTICAL MODJACK ASSEMBLIES							
"X"=NOT TOOLED	ASSEMBLY ITEM NUMBER	PART CHARACTERISTICS					
		EXTERNAL CONNECTO R SIZE	NUMBER OF POSITIONS	P.C. BOARD THICKNESS	KEYING OPTION	MOUNTIN G EARS OPTION	TERMINAL PLATING OPTION
	42410-8312	8 POS. BODY	8	1.57	NO	YES	A
	42410-8314	8 POS. BODY	8	1.57	NO	NO	A



SIZE 8 MODULAR JACK LOADED WITH 8 TERMINALS SHOWN ABOVE

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