

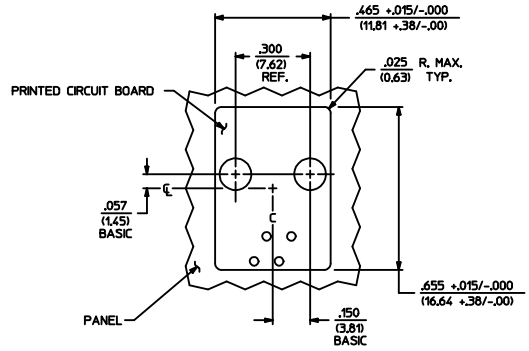
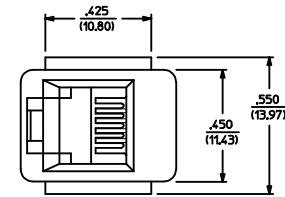
NOTES:

- 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 .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 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 ONLY. THEY ARE NOT INTENDED FOR ASSEMBLY IDENTIFICATION PURPOSES.
- 13) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.

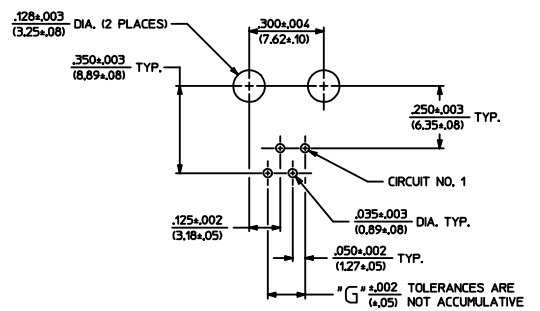
P.C. BOARD THICKNESS	DIM. "D" (MTG. PEGS)	DIM. "F" (P.C. TAILS)
0.062"	.128 (3.25)	.120 +.015/-0.025 (3.05 +.38/-0.63)
0.125"	.191 (4.85)	.205 +.015/-0.025 (5.21 +.38/-0.63)

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

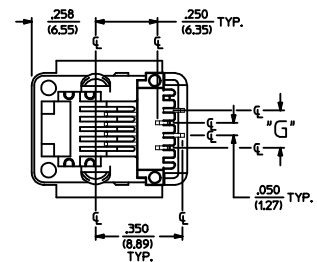
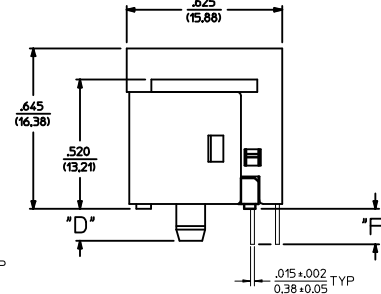
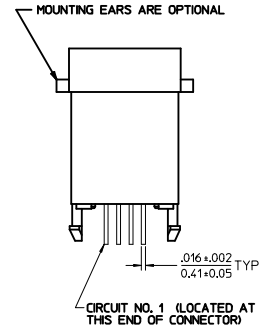
P.C. BOARD THICKNESS	SIZE 4 VERTICAL MODJACK ASSEMBLIES					
	ASSEMBLY ITEM NUMBER	EXTERNAL CONNECTOR SIZE	NUMBER OF POSITIONS	P.C. BOARD THICKNESS	MOUNTING EARS OPTION	TERMINAL PLATING OPTION
	42410-4168	4 POS. BODY	4	.062/(1.57)	YES	A
	42410-4170	4 POS. BODY	4	.062/(1.57)	NO	A



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)

OBSOLETE PN LEC NO: UJCP2017-0531 DRAWN: AENG02 CHKD: APPR: KLANG REV: N3	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM	SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
		4 PLACES ±.010 3 PLACES ±.010 2 PLACES ±0.25 1 PLACE ±.010 0 PLACE ±	DRAWN BY DATE 1990/10/12	CHECKED BY DATE 1990/10/12	APPROVED BY DATE 2012/02/14	ASSEMBLY: VERTICAL MODULAR JACKS
ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE SHEET 4	DOCUMENT NO. SDA-42410-****	SHEET NO. 1 OF 3		



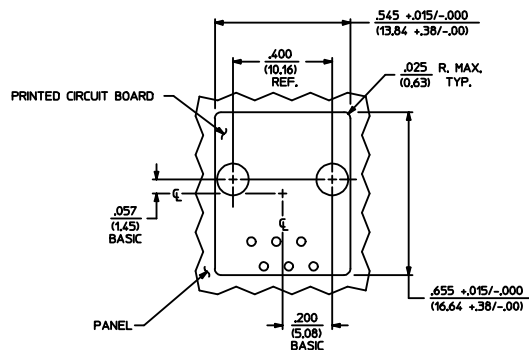
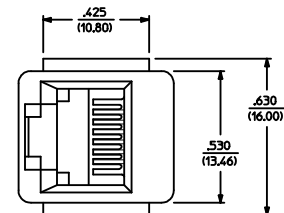
NOTES:

- 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.
 - B - SELECT GOLD IN CONTACT AREA: 15 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 1 & 4 FOR CONNECTOR SIZE 4.
- 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 ONLY, THEY ARE NOT INTENDED FOR ASSEMBLY IDENTIFICATION PURPOSES.
- 13) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.

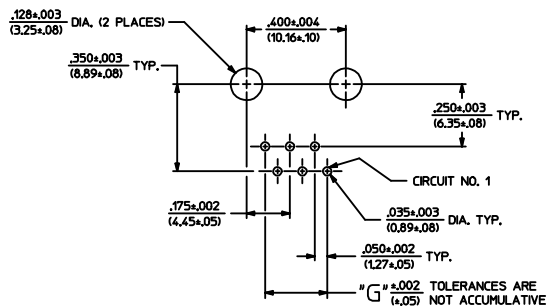
P.C. BOARD THICKNESS	DIM. "D" (MTG. PEGS)	DIM. "F" (P.C. TAILS)
0.062/(1.57)	.128 (3.25)	.120 +.015/- .025 (3.05 +.38/- .63)
0.125/(3.18)	.191 (4.85)	.205 +.015/- .025 (5.21 +.38/- .63)

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

SIZE 6 VERTICAL MODJACK ASSEMBLIES						
P.C. BOARD THICKNESS	PART CHARACTERISTICS					
	ASSEMBLY ITEM NUMBER	EXTERNAL CONNECTOR SIZE	NUMBER OF POSITIONS	P.C. BOARD THICKNESS	MOUNTING EARS OPTION	TERMINAL PLATING OPTION
	42410-6168	6 POS. BODY	6	.062/(1.57)	YES	A
	42410-6170	6 POS. BODY	6	.062/(1.57)	NO	A
	42410-6314	6 POS. BODY	4	.062/(1.57)	NO	A
	42410-6456	6 POS. BODY	2	.062/(1.57)	YES	A

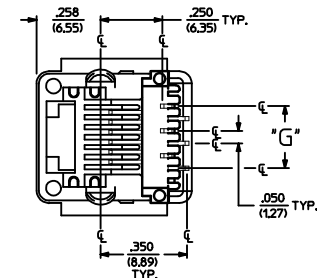
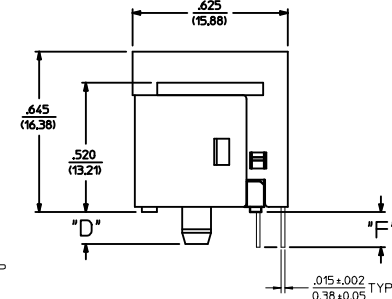
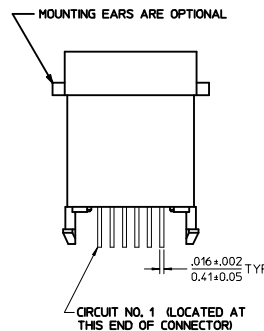


PANEL CUT-OUT FOR CONNECTOR SIZE 6



P.C. BOARD LAYOUT FOR CONNECTOR SIZE 6

VIEWED FROM COMPONENT SIDE



SIZE 6 MODULAR JACK LOADED WITH 6 TERMINALS SHOWN ABOVE

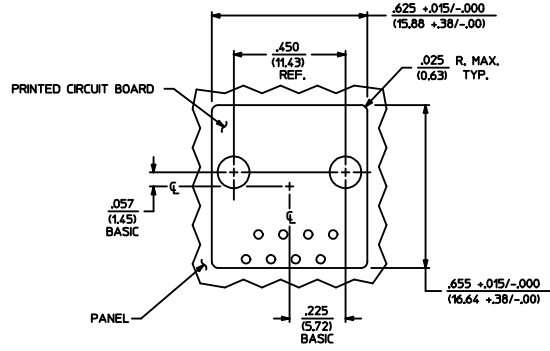
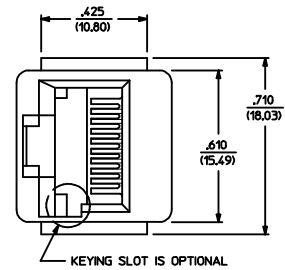
(SEE SHEET 4 FOR PART NUMBER AVAILABILITY)

SEE SHEET 1 LEC NO: UCP2017-0531 DRAWING NO: 2016/09/06 CHKD: APPR:KLANG REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0 ▽=0 ▽=0	mm INCH 4 PLACES ±.010 3 PLACES ±.025 2 PLACES ±.050 1 PLACE ±.100 0 PLACE ±.150	IN/MM	4:1	INCH	ASSEMBLY; VERTICAL MODULAR JACKS
	ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY CHECKED BY APPROVED BY	DATE DATE DATE			
		MATERIAL NO. SIZE	DATE			
		SEE SHEET 4	2012/02/14			
		DOCUMENT NO. SDA-42410-****				
						SHEET NO. 2 OF 3
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

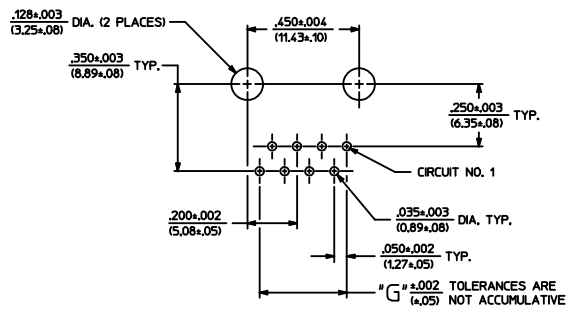
- NOTES:
- 1) MATERIALS: HOUSING PARTS ARE MADE OF POLYESTER, RATED UL 94 V-0. COLOR IS BLACK. TERMINALS ARE .015/(0.38) THICK PHOSPHOR BRONZE.
 - 2) TERMINAL PLATING OPTIONS PER ES-88-****
A = SELECT GOLD IN CONTACT AREA: 50 MICRONS MIN.
SELECT MATTE TIN IN PC TAIL AREA: 100 MICRONS MIN.
WITH OVERALL NICKEL UNDERPLATE: 50 MICRONS MIN.
 - 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 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 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)
.062/(1.57)	.128 (3.25)	.120 +.015/-0.025 (3.05 +.38/-63)
.125/(3.18)	.191 (4.85)	.205 +.015/-0.025 (5.21 +.38/-63)

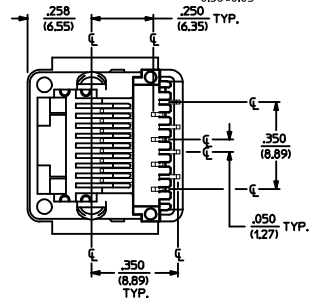
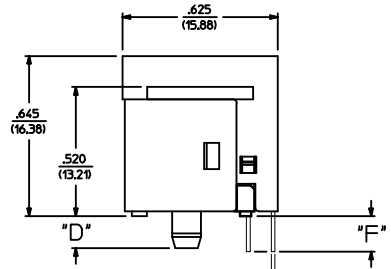
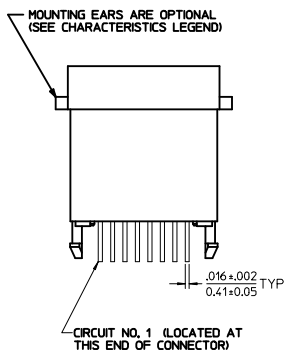
*NOT TOOLED	SIZE 8 VERTICAL MODJACK ASSEMBLIES						
	PART CHARACTERISTICS						
ASSEMBLY ITEM NUMBER	EXTERNAL CONNECTOR SIZE	NUMBER OF POSITIONS	P.C. BOARD THICKNESS	KEYING OPTION	MOUNTING EARS OPTION	TERMINAL PLATING OPTION	
42410-8312	8 POS. BODY	8	.062/(1.57)	NO	YES	A	
42410-8314	8 POS. BODY	8	.062/(1.57)	NO	NO	A	



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 LEC NO: UCP2017-0531 DRAWN/ENG: 2016/09/06 CHKD: APPR:KLANG REV: N3	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM	SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ± .010	mm	DRAWN BY GLT	DATE 1990/10/12	TITLE ASSEMBLY: VERTICAL MODULAR JACKS
	▽=0	3 PLACES ± .025	INCH	CHECKED BY BAP	DATE 1990/10/12	molex
	▽=0	2 PLACES ± .050	mm	APPROVED BY FSMITH	DATE 2012/02/14	
	1 PLACE ± .075	mm	ANGULAR ±1/2°	MATERIAL NO. SEE SHEET 4	DOCUMENT NO. SDA-42410-****	SHEET NO. 3 OF 3
	0 PLACE ± .100	mm	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	