

**MODULAR JACK CHARACTERISTICS LEGEND**

EXTERNAL CONNECTOR BODY DIMENSIONS: (SEE NOTES 8 AND 9)  
 JACKS ARE AVAILABLE IN STANDARD 4, 6, AND 8 POSITION BODY SIZES

NUMBER OF CONTACT POSITIONS:  
 CONNECTOR SIZE 4 CAN ACCOMMODATE 2 OR 4 TERMINALS,  
 CONNECTOR SIZE 6 CAN ACCOMMODATE 2, 4, OR 6 TERMINALS,  
 CONNECTOR SIZE 8 CAN ACCOMMODATE 2, 4, 6, 8, OR 10 TERMINALS

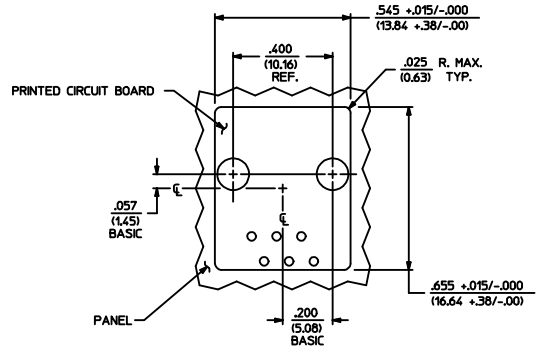
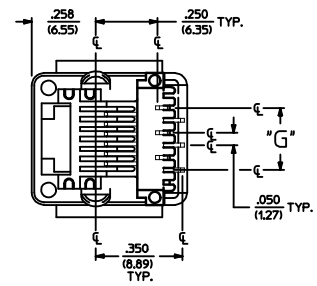
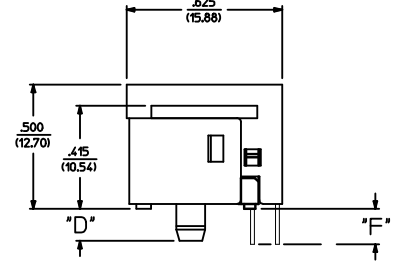
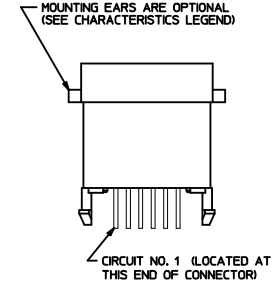
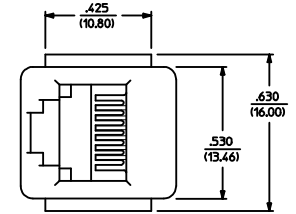
POLARIZATION OPTION:  
 \*NO\* JACKS WITHOUT KEYING SLOT  
 \*YES\* JACKS WITH KEYING SLOT (AVAILABLE ON CONNECTOR SIZE 8 ONLY)

MOUNTING EARS OPTION:  
 \*YES\* JACKS WITH MOUNTING EARS  
 \*NO\* JACKS WITHOUT MOUNTING EARS

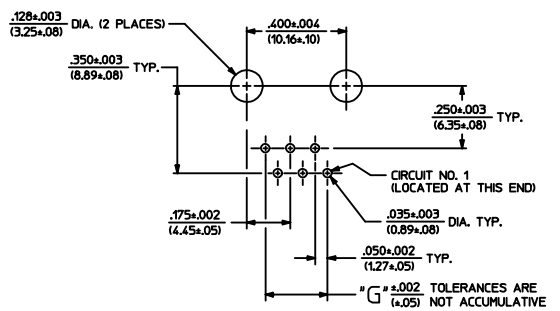
- NOTES:
- 1) MATERIALS: HOUSING- POLYESTER, GLASS FILLED, UL94V-0, COLOR - BLACK  
 TERMINALS- PHOSPHOR BRONZE ALLOY, .015/(0.38) THICK.
  - 2) TERMINAL PLATING:  
 \*SELECT GOLD IN CONTACT AREA: 50 MICRONS MIN.  
 \*SELECT TIN IN PC TAIL AREA: 100 MICRONS MIN.  
 WITH OVERALL NICKEL UNDERPLATE: 50 MICRONS MIN.  
 \*THE PRIMARY SHIPPING CARTON WILL BE LABELED \*COMPLIANT TO ROHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC\*. CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD IN THE PC TAIL.
  - 3) THESE MODULAR JACKS MEET THE PERFORMANCE REQUIREMENTS OF MOLEX PRODUCT SPECIFICATION PS-42878.
  - 4) CONNECTORS ARE SHIPPED IN THERMOFORMED TRAYS, PER PACKAGING SPECIFICATION PK-42878-492.
  - 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.
  - 7) ALL JACKS MUST BE CAPABLE OF FITTING INTO MOLEX GAGE G-42410 (CONNECTOR SIZE 6).
  - 8) SEE SHEETS 1 & 4 FOR CONNECTOR SIZE 4.
  - 9) SEE SHEETS 3 & 5 FOR CONNECTOR SIZE 8.
  - 10) ENGRAVED NUMBERS ON HOUSING BODY ARE FOR MOLDING IDENTIFICATION ONLY. THEY ARE NOT INTENDED FOR ASSEMBLY IDENTIFICATION PURPOSES.
  - 11) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002 WITH THE EXCEPTION OF THE \*SINK WHICH CONFORMS TO CLASS C REQUIREMENTS.

P. C. BOARD THICKNESS	DIM. "D" (MTG. PEGS)	DIM. "F" (P.C. TAILS)
.062/(1.57)	.128 (3.25)	.120 $\pm$ .015/-0.025 (3.05 $\pm$ .38/-63)
.125/(3.18)	.191 (4.85)	.205 $\pm$ .015/-0.025 (5.21 $\pm$ .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

SIZE 6 MODULAR JACK LOADED WITH 6 TERMINALS SHOWN ABOVE

ADD COSMETIC SPEC EC NO. UCP2009-1267 DRAWN: JLOS/TEMLER 2008/12/02 CHKD: BEL 2008/12/02 APPR: FSW/TH 2008/12/02 H2 REV	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES $\pm$ --- $\pm$ --- 3 PLACES $\pm$ --- $\pm$ .010 2 PLACES $\pm$ 0.25 $\pm$ --- 1 PLACE $\pm$ --- $\pm$ --- ANGULAR $\pm$ 1/2°	DIMENSION STYLE IN/MM DRAWN BY DATE BAP 1992/04/02 CHECKED BY DATE BAP 1992/04/02 APPROVED BY DATE RAS 1992/04/02	SCALE 1:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION	TITLE ASSEMBLY, VERTICAL LOW PROFILE MODULAR JACKS (CONNECTOR SIZE 6) MOLEX INCORPORATED DOCUMENT NO. SDA-42878-**** SHEET NO. 2 OF 5
	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				
	SEE SHEET 4				

