

MODULAR JACK CHARACTERISTICS LEGEND			P. C. BOARD THICKNESS			DIM. "D" (MTG. PEGS)			DIM. "F" (P.C. TAILS)			CONNECTOR SIZE	CIRCUIT SIZE	DIM. "G"			
EXTERNAL CONNECTOR BODY DIMENSIONS (SEE NOTES 8 AND 9) JACKS ARE AVAILABLE IN STANDARD 4, 6, AND 8 POSITION BODY SIZES			NOTES:														
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			1) MATERIALS: HOUSING- POLYESTER, GLASS FILLED, UL94V-0, COLOR - BLACK TERMINALS- PHOSPHOR BRONZE ALLOY, .015/(0.38) THICK.			.062(1.57)			.128 (3.25)			.120 +.015/-.025 (3.05 +.38/- .63)			4	4	.150 (3.81)
POLARIZATION OPTIONS: *YES= JACKS WITHOUT KEYING SLOT (AVAILABLE ON CONNECTOR SIZE B ONLY) *NO= JACKS WITH KEYING SLOT *YES= JACKS WITH MOUNTING EARS *NO= JACKS WITHOUT MOUNTING EARS			2) TERMINAL PLATING OPTIONS: *A= .000050/(.00127) MIN. GOLD IN CONTACT AREA, .000050/(.00127) MIN. TIN-LEAD ON P.C. TAILS, AND .000050/(.00127) MIN. NICKEL UNDERPLATE OVERALL. *B= .000030/(.00076) MIN. GOLD IN CONTACT AREA, .000050/(.00127) MIN. TIN-LEAD ON P.C. TAILS, AND .000050/(.00127) MIN. NICKEL UNDERPLATE OVERALL. *C= .000015/(.00038) MIN. GOLD IN CONTACT AREA, .000050/(.00127) MIN. TIN-			.125/(3.18)			.191 (4.85)			.205 +.015/-.025 (5.21 +.38/- .63)			4	2	.050 (1.27)

LEAD ON P.C. TAILS, AND .00050/1.00(127) MIN. NICKEL UNDERPLATE OVERALL.

3) THESE MODULAR JACKS MEET THE PERFORMANCE REQUIREMENTS OF MOLEX PRODUCT SPECIFICATION PS-42878.

4) ALL JACKS ARE DESIGNED TO BE USED WITH .062/1.57(1.57) OR .125/13.18(13.18) THICK P.C. BOARDS.

5) ALL JACKS CONFORM TO AND ACCEPT PLUGS WHICH CONFORM TO FCC RULES AND REGULATIONS PART 68, SUBPART F.

6) ALL JACKS MUST BE CAPABLE OF FITTING INTO MOLEX GAGE G-42878 (CONNECTOR SIZE 4).

7) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.

8) SEE SHEET 2 & 4 FOR CONNECTOR SIZE 6.

9) SEE SHEETS 3 & 5 FOR CONNECTOR SIZE 8.

10) CONNECTORS ARE SHIPPED IN THERMOFORMED TRAYS, PER PACKAGING SPECIFICATION PK-42878-492.

11) THIS MODULAR JACK ASSEMBLY IS ALSO AVAILABLE IN A HIGH TEMPERATURE MATERIAL. (SEE MOLEX DRAWING SDA-43579-1-1)

12) ENGRAVED NUMBERS ON HOUSING BODY ARE FOR MOLDING IDENTIFICATION ONLY. THEY ARE NOT INTENDED FOR ASSEMBLY IDENTIFICATION PURPOSES.

The drawing shows a side view of a modular jack assembly. It consists of a rectangular housing with a series of pins on the left side. Dimension lines indicate the following measurements: a width of .425 (10.80) across the top of the housing, a total height of .550 (13.97) from the base to the top of the housing, and a base height of .450 (11.43) from the bottom to the start of the housing body.

PRINTED CIRCUIT BOARD

(7.62) REF.

.025 R. MAX. TYP.

MOUNTING EARS ARE OPTIONAL
(SEE CHARACTERISTICS LEGEND)

(15.88)

Technical drawing of a 1000mm x 1000mm floor plate with a 10mm thickness. The drawing shows a top view with dimensions and a cross-section view. The top view includes a central square area with a side length of 415mm (16.3 inches) and a total width of 1000mm (39.4 inches). The cross-section view shows the 10mm thickness and the 415mm width. The drawing is labeled '1000' and '1000'.

Figure 6 shows a detail view of the panel assembly. The drawing includes the following labels and dimensions:

- PANEL**: Points to the main body of the assembly.
- .150**: Dimension indicating the distance from the centerline to the edge of the panel.
- .655 ±.015/-0.000 (16.64 ±.38/-0.00)**: Dimension indicating the height of the panel from the base.
- CIRCUIT NO. 1 (LOCATED AT "D")**: Label pointing to the circuit board location.
- "D"**: Dimension indicating the distance from the centerline to the circuit board location.
- "F"**: Dimension indicating the distance from the centerline to the front edge of the panel.

PANEL CUT-OUT FOR CONNECTOR SIZE 4

1.28 ± .003
(3.25 ± .08) DIA. (2 PLACES)

.300 ± .004
(7.62 ± .10)

.350 ± .003
(8.89 ± .08) TYP.

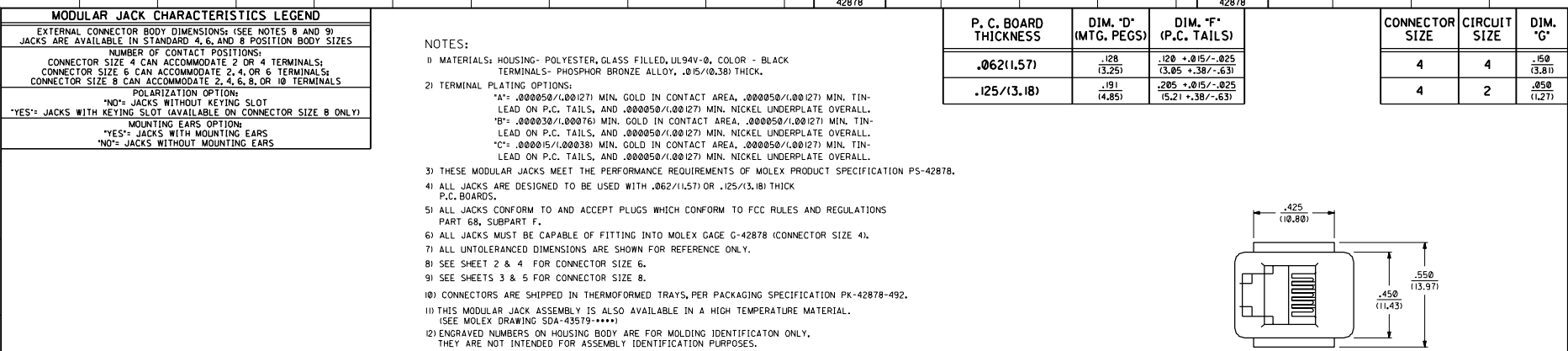
.000 ± .001
(0.00 ± .03)

C

Technical drawing of a mechanical part showing dimensions and tolerances. The drawing includes a top view and a side view. The top view shows a rectangular part with a central slot. The side view shows the profile of the part. Dimensions and tolerances are indicated as follows:

- Top view:
 - Overall width: $1.250 \pm .003$ (6.35 $\pm$.008) TYP.
 - Slot width: $.350$ (1.27) TYP.
- Side view:
 - Overall height: $.050$ (1.27) TYP.

5	D
4	D
3	F

[illegible][illegible]

PRINTED CIRCUIT BOARD

PANEL

.057
(1.45)
BASIC

.300
(7.62)
REF.

.465 $\pm .015 / - .000$
(11.81 $\pm .38 / - .000$)

.025 R, MAX.
(0.63) TYP.

.655 $\pm .015 / - .000$
(16.64 $\pm .38 / - .000$)

.150
(3.80)
BASIC

MOUNTING EARS ARE OPTIONAL
(SEE CHARACTERISTICS LEGEND)

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

.625
(15.88)

.500
(12.70)

.415
(10.54)

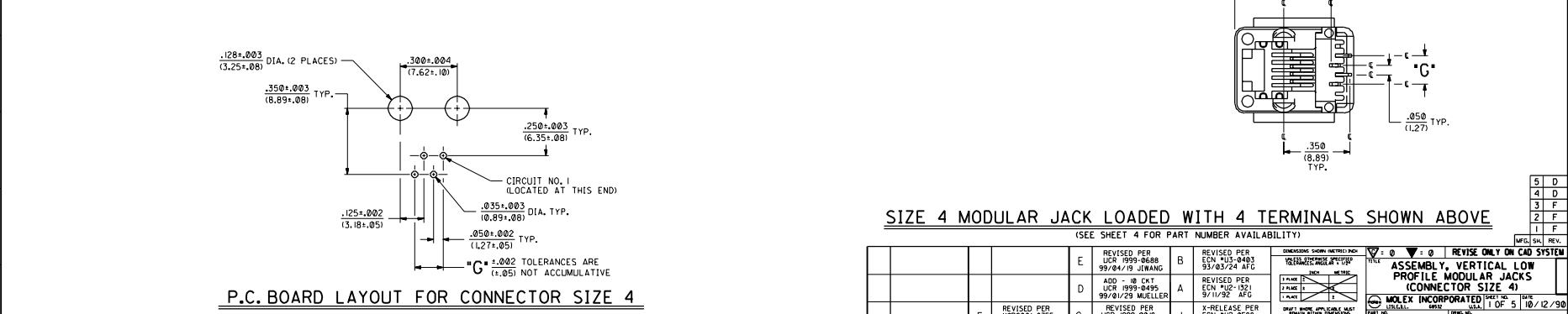
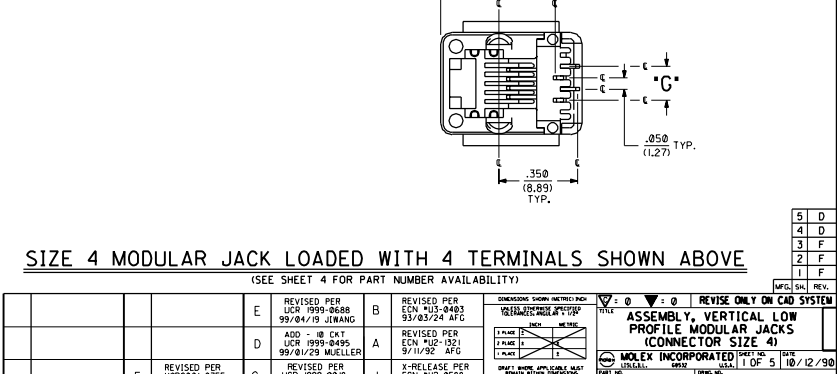
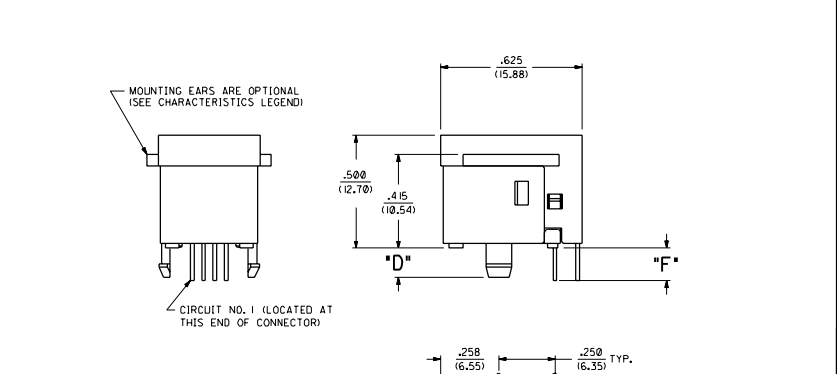
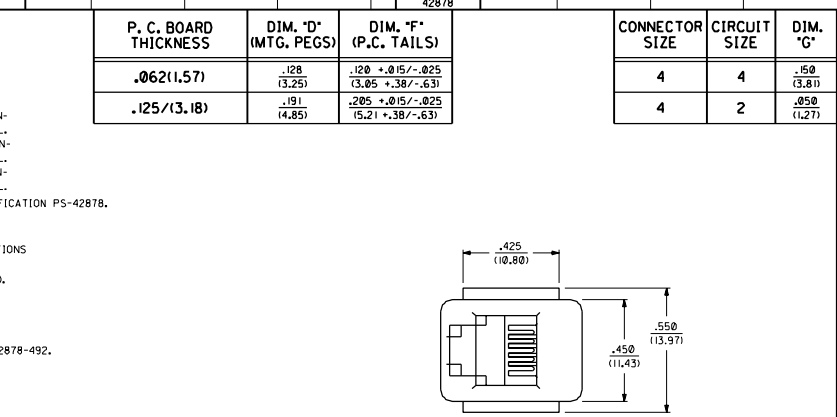
.258
(6.55)

.250
(6.35) TYP.

"D"

"F"

PANEL CUT-OUT FOR CONNECTOR SIZE 4

[illegible]

(SEE SHEET 4 FOR PART NUMBER AVAILABILITY)									
REVISED PER CEN 1113-0001		REVISED PER CEN 1113-0001		DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED		☒ : ☐ ☐ : ☐		REVISE ONLY ON CAD SYSTEM	

[illegible][illegible]

