

HOUSING: GLASS FILLED NYLON, UL94V-0, COLOR: BLACK
INSULATOR: GLASS FILLED NYLON, UL94V-0, COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE: 0.30 mm THICK

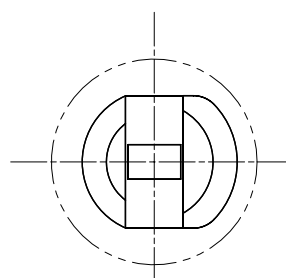
SELECT GOLD IN CONTACT AREA: 1.27 MICROMETERS MIN.,
SELECT TIN IN PC TAIL AREA: 2.54 MICROMETERS MIN.,
WITH OVERALL NICKEL UNDERPLATE: 1.27 MICROMETERES MIN.

UNSHIELDED CONNECTOR ASSEMBLIES PACKAGED IN TRAYS PER MOLEX
PACKAGING SPECIFICATION PK-43249-004.

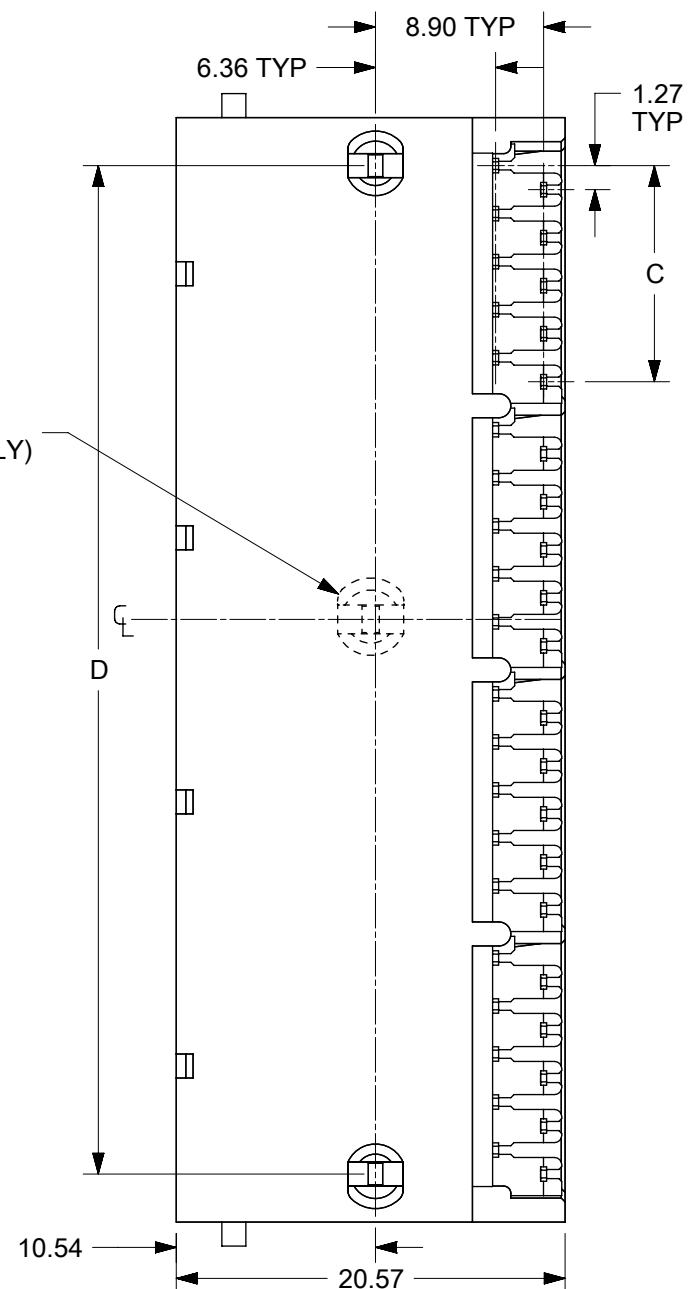
FOR 8 CIRCUIT JACKS CENTERLINE TO CENTERLINE SPACING IS 13.97 mm.

RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC."

THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION



PEG DETAIL
SCALE 6:1

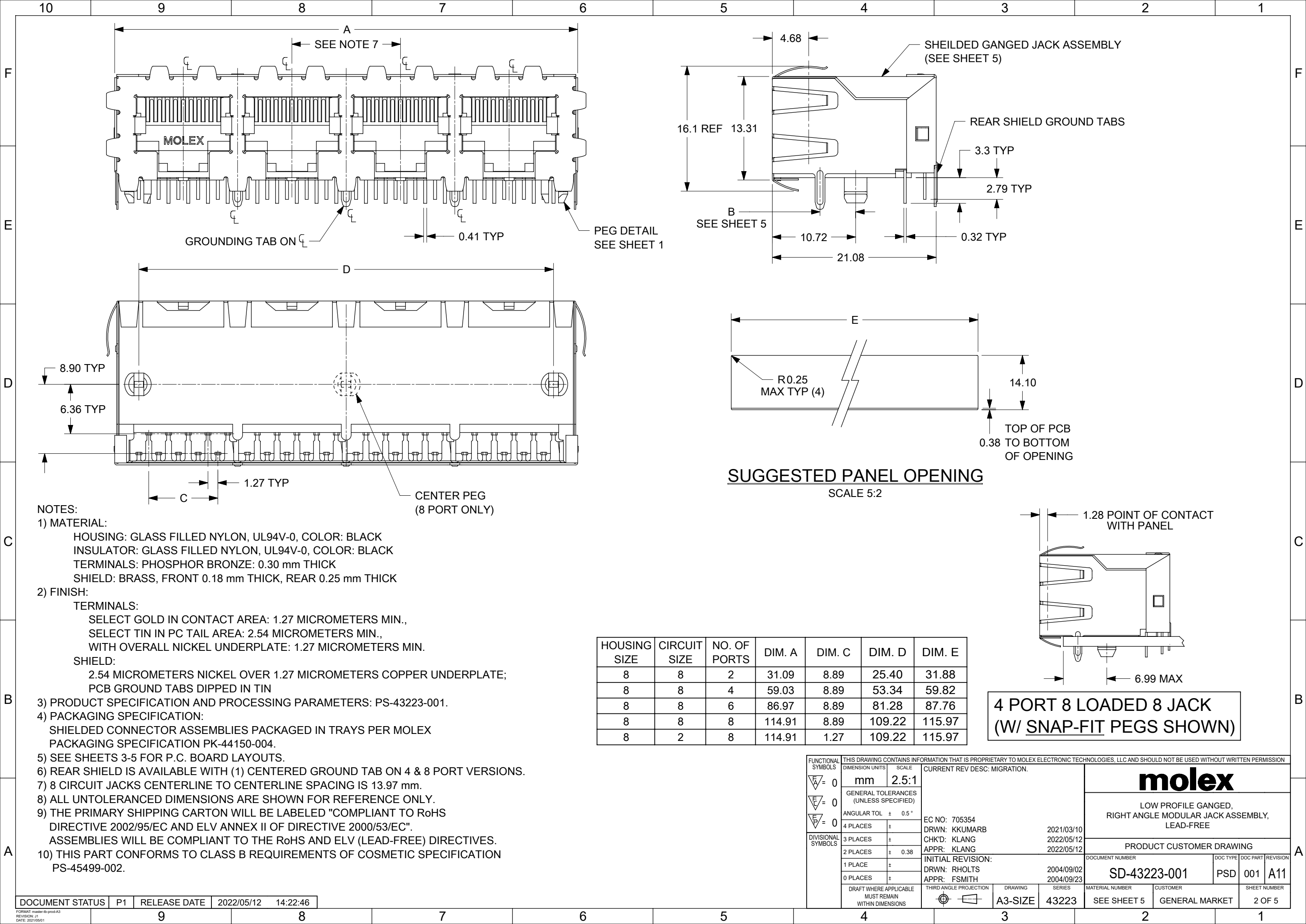


CIRCUIT SIZE	NO. OF PORTS	DIM. A	DIM. C	DIM. D
6	2	25.02	6.35	21.54
4	2	25.02	3.81	21.54
2	2	25.02	1.27	21.54
6	3	36.40	6.35	32.92
4	3	36.40	3.81	32.92
2	3	36.40	1.27	32.92
6	4	47.78	6.35	44.30
4	4	47.78	3.81	44.30
2	4	47.78	1.27	44.30
6	5	59.16	6.35	55.68
4	5	59.16	3.81	55.68
2	5	59.16	1.27	55.68
6	6	70.54	6.35	67.06
4	6	70.54	3.81	67.06
2	6	70.54	1.27	67.06
6	8	93.29	6.35	89.81
4	8	93.29	3.81	89.81
2	8	93.29	1.27	89.81

CIRCUIT SIZE	NO. OF PORTS	DIM. A	DIM. C	DIM. D
10	2	30.48	11.43	25.40
8	2	30.48	8.89	25.40
6	2	30.48	6.35	25.40
10	3	44.45	11.43	39.37
8	3	44.45	8.89	39.37
6	3	44.45	6.35	39.37
4	3	44.45	3.81	39.37
10	4	58.42	11.43	53.34
8	4	58.42	8.89	53.34
4	4	58.42	3.81	53.34
4	5	72.39	3.81	67.31
10	5	72.39	11.43	67.31
8	5	72.39	8.89	67.31
10	6	86.36	11.43	81.28
8	6	86.36	8.89	81.28
10	8	114.30	11.43	109.22
8	8	114.30	8.89	109.22

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

A



NOTES:

1) MATERIAL:

HOUSING: GLASS FILLED NYLON, UL94V-0, COLOR: BLACK
INSULATOR: GLASS FILLED NYLON, UL94V-0, COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE: 0.30 mm THICK
SHIELD: BRASS, FRONT 0.18 mm THICK, REAR 0.25 mm THICK

2) FINISH:

TERMINALS:

SELECT GOLD IN CONTACT AREA: 1.27 MICROMETERS MIN.,
SELECT TIN IN PC TAIL AREA: 2.54 MICROMETERS MIN.,
WITH OVERALL NICKEL UNDERPLATE: 1.27 MICROMETERS MIN.

SHIELD:

2.54 MICROMETERS NICKEL OVER 1.27 MICROMETERS COPPER UNDERPLATE;
PCB GROUND TABS DIPPED IN TIN

3) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43223-001.

4) PACKAGING SPECIFICATION:

SHIELDED CONNECTOR ASSEMBLIES PACKAGED IN TRAYS PER MOLEX
PACKAGING SPECIFICATION PK-44150-004.

5) SEE SHEETS 3-5 FOR P.C. BOARD LAYOUTS.

6) REAR SHIELD IS AVAILABLE WITH (1) CENTERED GROUND TAB ON 4 & 8 PORT VERSIONS.

7) 8 CIRCUIT JACKS CENTERLINE TO CENTERLINE SPACING IS 13.97 mm.

8) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.

9) THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS

DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC".

ASSEMBLIES WILL BE COMPLIANT TO THE RoHS AND ELV (LEAD-FREE) DIRECTIVES.

10) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION
PS-45499-002.

SUGGESTED PANEL OPENING

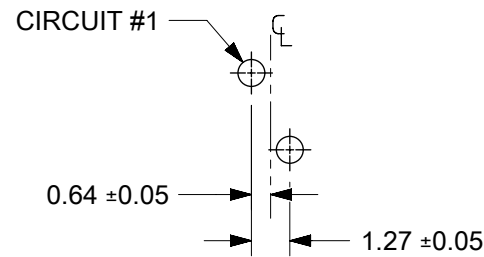
SCALE 5:2

**4 PORT 8 LOADED 8 JACK
(W/ SNAP-FIT PEGS SHOWN)**

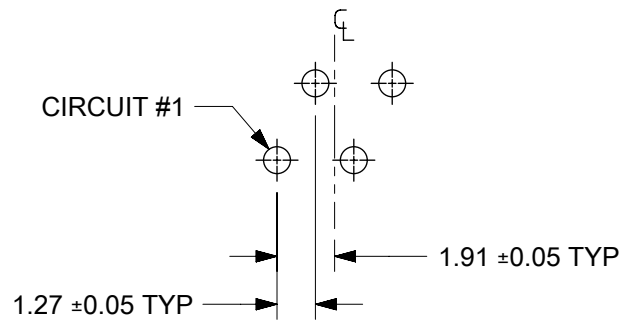
HOUSING SIZE	CIRCUIT SIZE	NO. OF PORTS	DIM. A	DIM. C	DIM. D	DIM. E
8	8	2	31.09	8.89	25.40	31.88
8	8	4	59.03	8.89	53.34	59.82
8	8	6	86.97	8.89	81.28	87.76
8	8	8	114.91	8.89	109.22	115.97
8	2	8	114.91	1.27	109.22	115.97

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: MIGRATION.			molex LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY, LEAD-FREE		

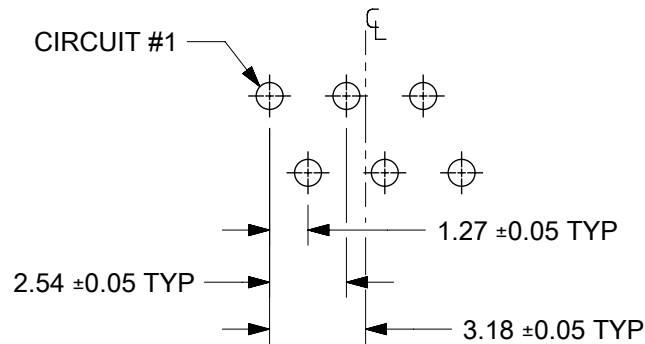
DOCUMENT STATUS	P1	RELEASE DATE	2022/05/12	14:22:46
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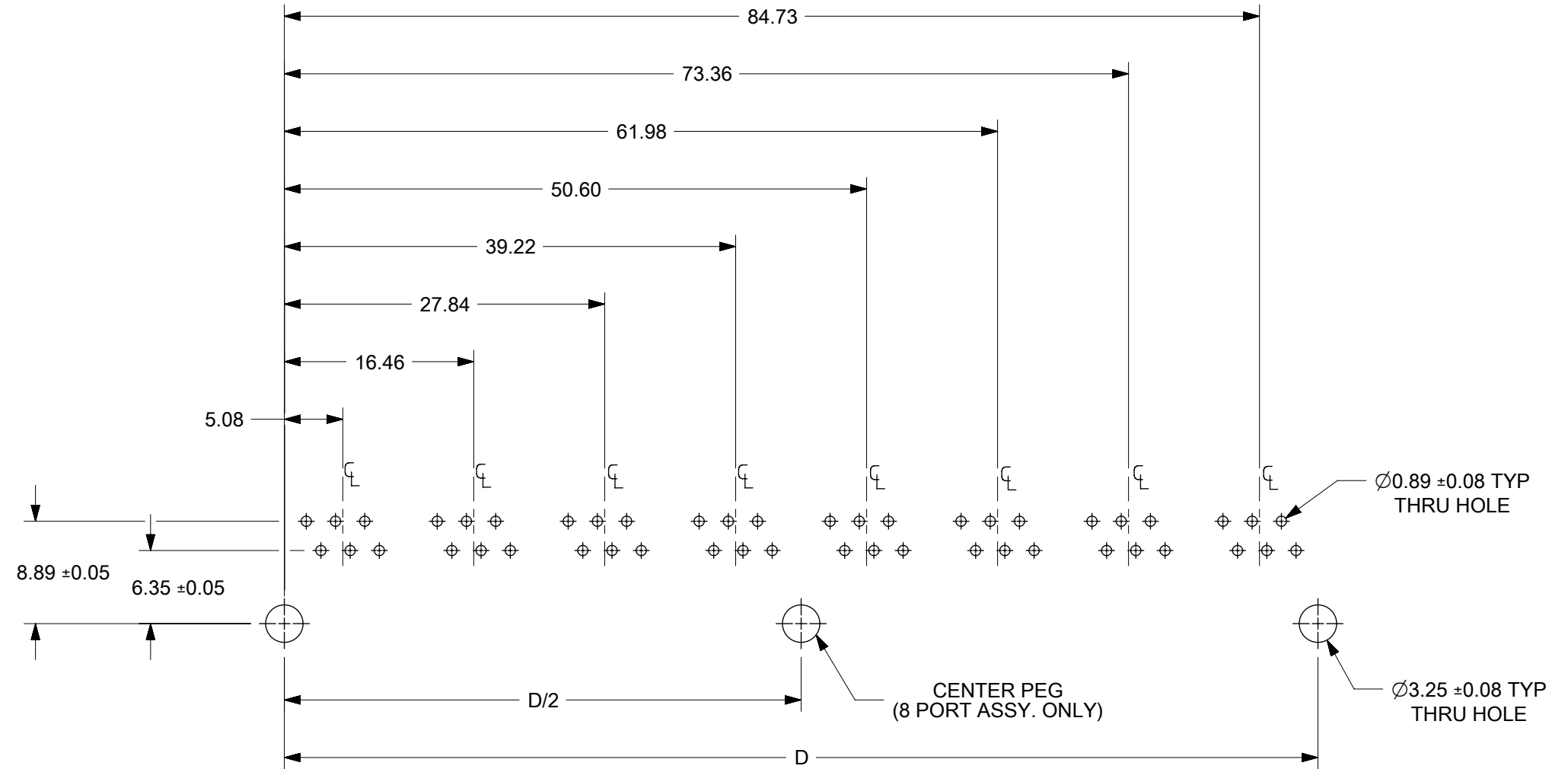
6 LOADED 2 DETAIL
SCALE 4:1



6 LOADED 4 DETAIL
SCALE 4:1



6 LOADED 6 DETAIL
SCALE 4:1



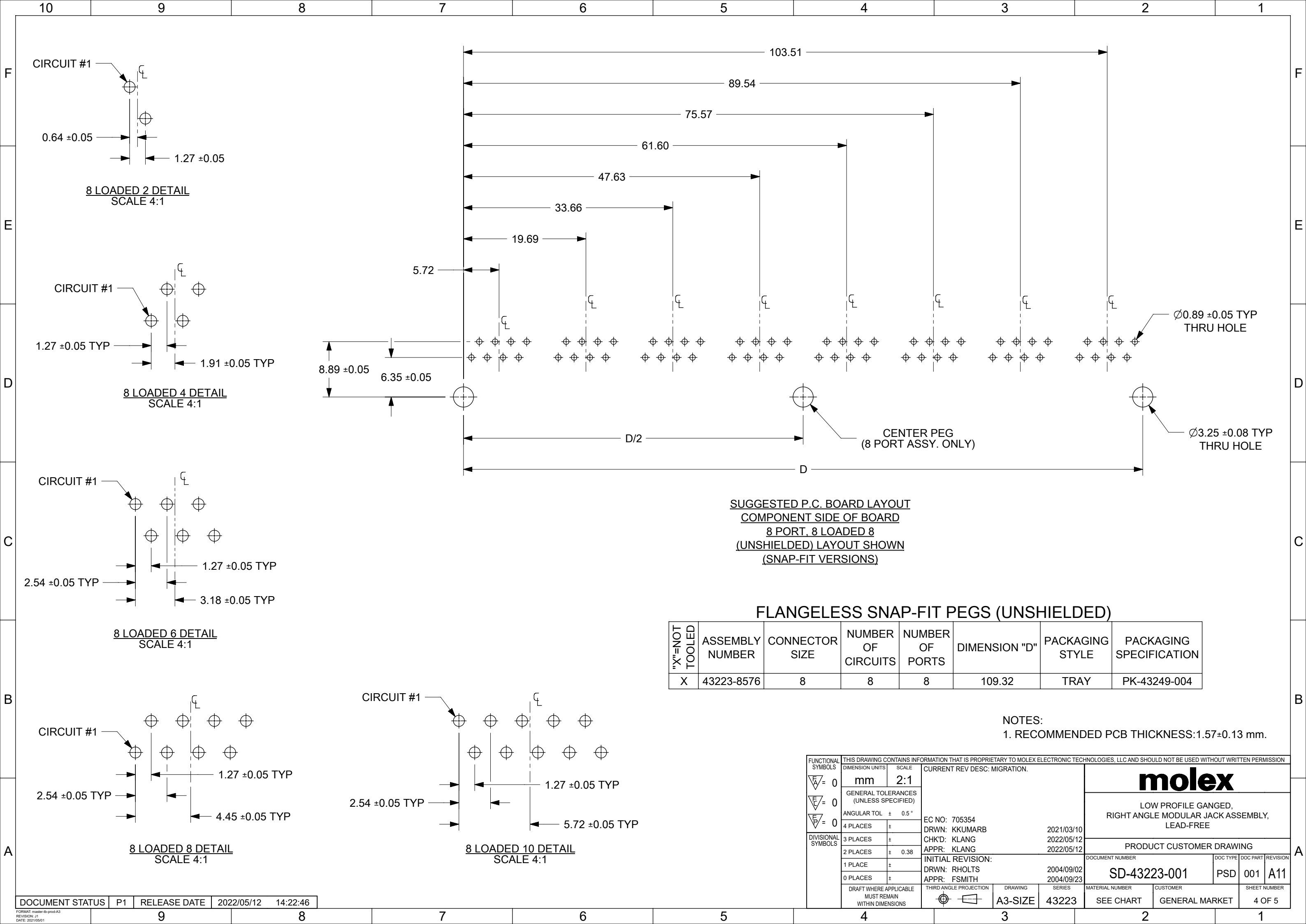
SUGGESTED P.C. BOARD LAYOUT
COMPONENT SIDE OF BOARD
8 PORT, 6 LOADED 6, LAYOUT SHOWN
(SNAP-FIT VERSIONS)

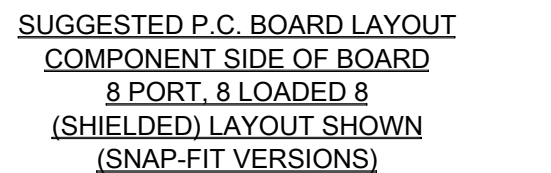
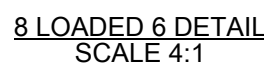
FLANGELESS SNAP-FIT PEGS (UNSHIELDED)

"X"=NOT TOOLED	ASSEMBLY NUMBER	CONNECTOR SIZE	NUMBER OF CIRCUITS	NUMBER OF PORTS	DIMENSION "D"	PACKAGING STYLE	PACKAGING SPECIFICATION
X	43223-6613	6	6	6	67.06	TRAY	PK-43249-004
X	43223-6619	6	6	8	89.81	TRAY	PK-43249-004
X	43223-6655	6	2	6	67.06	TRAY	PK-43249-004

NOTES:
1. RECOMMENDED PCB THICKNESS: 1.57±0.13 mm.

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: MIGRATION.			molex LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY, LEAD-FREE PRODUCT CUSTOMER DRAWING					
	mm		2:1										
F A = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 705354 DRWN: KKUMARB 2021/03/10 CHK'D: KLANG 2022/05/12 APPR: KLANG 2022/05/12								
F E = 0	ANGULAR TOL ± 0.5°												
F F = 0	4 PLACES		±										
DIVISIONAL SYMBOLS	3 PLACES		±		INITIAL REVISION: DRWN: RHOLTS 2004/09/02 APPR: FSMITH 2004/09/23			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
	2 PLACES		± 0.38					SD-43223-001		PSD	001	A11	
	1 PLACE		±										
	0 PLACES		±										
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION										DRAWING
				A3-SIZE		43223		SEE CHART		GENERAL MARKET		3 OF 5	





"X"=NOT TOOLED	ASSEMBLY NUMBER	CONNECTOR SIZE	NUMBER OF CIRCUITS	NUMBER OF PORTS	DIMENSION "B"	DIMENSION "D"	PACKAGING STYLE	PACKAGING SPECIFICATION
X	43223-8528	8	8	2	4.57	25.40	TRAY	PK-44150-004
	43223-8546	8	8	4	4.57	53.34	TRAY	PK-44150-004
X	43223-8564	8	8	6	4.57	81.28	TRAY	PK-44150-004
	43223-8582	8	8	8	4.57	109.32	TRAY	PK-44150-004

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: MIGRATION.			molex LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY, LEAD-FREE				
	mm	2:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)									
	ANGULAR TOL	± 0.5 °	EC NO: 705354 DRWN: KKUMARB 2021/03/10 CHK'D: KLANG 2022/05/12 APPR: KLANG 2022/05/12 INITIAL REVISION: DRWN: RHOLTS 2004/09/02 APPR: FSMITH 2004/09/23			PRODUCT CUSTOMER DRAWING				
	4 PLACES	±								
	3 PLACES	±								
2 PLACES	± 0.38									
1 PLACE	±									
DIVISIONAL SYMBOLS	0 PLACES	±				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
				SD-43223-001		PSD	001	A1		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
				A3-SIZE	43223	SEE CHART	GENERAL MARKET	5 OF 5		