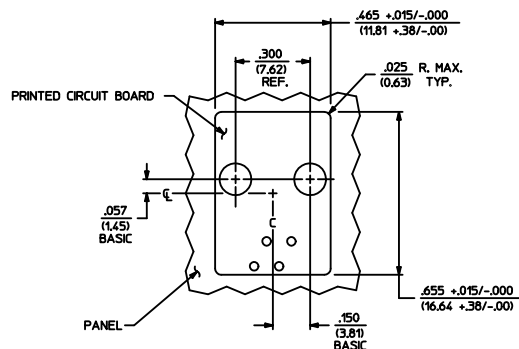
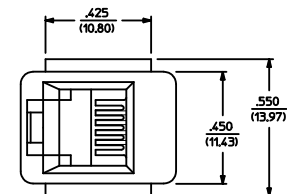


20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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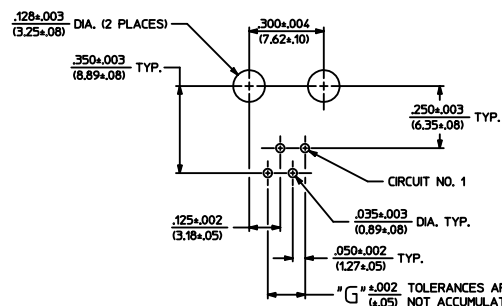
NOTES:

- 1) MATERIALS: HOUSING PARTS ARE MADE OF POLYESTER, RATED U.L. 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 INCHES.
 - SELECT MATTE TIN IN PC TAIL AREA: 100 MICRONS INCHES MIN., WITH OVERALL NICKEL UNDERPLATE: 50 MICRONS INCHES MIN.
- 3) THESE MODULAR JACKS MEET THE PERFORMANCE REQUIREMENTS OF MOLEX PRODUCT SPECIFICATION PS-4240.
- 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(1/16) OR .125(3/16) 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 INCHES 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) THIS MODULAR JACK ASSEMBLY IS ALSO AVAILABLE IN A UL 94V-0 RATED, GLASS-FILLED NYLON. (SEE MOLEX DRAWING SDA-43576)
- 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.

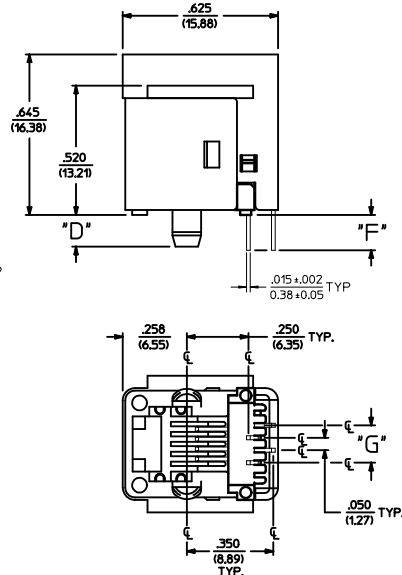
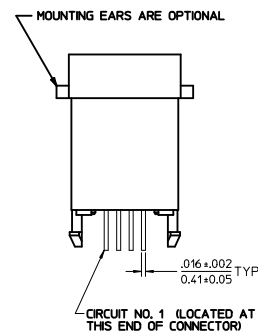
P.C. BOARD THICKNESS	DIM. "D" (MTG. PEGS)	DIM. "F" (P.C. TAILS)	CONNECTOR SIZE	CIRCUIT SIZE	DIM. "G"
0.062"	.128 (3.25)	.120 +.015/- .025 (3.05 +.38/- .63)	4	4	.150 (3.81)
0.125"	.191 (4.85)	.205 +.015/- .025 (5.21 +.38/- .63)	4	2	.050 (1.27)



PANEL CUT-OUT FOR CONNECTOR SIZE 4



P.C. BOARD LAYOUT FOR CONNECTOR SIZE 4



SIZE 4 MODULAR JACK LOADED WITH 4 TERMINALS SHOWN ABOVE
(SEE SHEET 4 FOR PART NUMBER AVAILABILITY)

ADD. TERMINAL DIM EC NO. IEC2014-3630 DRAWN: JAGUAR 2011/06/06 CHECKED: BELL 2011/06/09 APPROVED: TH 2012/02/14	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
	▽=0 ▽=0 ▽=0	.mm .INCH 4 PLACES ± .001 3 PLACES ± .010 2 PLACES ± 0.25 1 PLACE ± .005	DRAWN BY DATE GLT 1990/10/12 CHECKED BY DATE BAP 1990/10/12 APPROVED BY DATE FSM TH 2012/02/14	TITLE ASSEMBLY; VERTICAL MODULAR JACKS (CONNECTOR SIZE 4) MOLEX INCORPORATED			
		ANGULAR ± 1/2°	MATERIAL NO.	DOCUMENT NO.		SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE SHEET 4	SDA-42410-****		1 OF 4	
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1							
													P.C. BOARD THICKNESS		DIM. "D" (MTG. PEGS)		DIM. "F" (P.C. TAILS)				CONNECTOR SIZE		CIRCUIT SIZE		DIM. "G"	
													0.062/(1.57)		.128 (3.25)		.120 +.015/- .025 (3.05 +.38/- .63)				6		6		.250 (6.35)	
													0.125/(3.18)		.191 (4.85)		.205 +.015/- .025 (5.21 +.38/- .63)				6		4		.150 (3.81)	
																					6		2		.050 (1.27)	

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) THIS MODULAR JACK ASSEMBLY IS ALSO AVAILABLE IN A UL 94V-0 RATED, GLASS-FILLED NYLON. (SEE MOLEX DRAWING SDA-43576)

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.

SIZE 6 MODULAR JACK LOADED WITH 6 TERMINALS SHOWN ABOVE

(SEE SHEET 4 FOR PART NUMBER AVAILABILITY)

SEE SHEET 1 EC NO.: UCP2011-3830 DRAWING: JAGULAR CHKD: JELL APPROVED: JTH REV: 2012/02/14	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	IN/MM	4:1	INCH	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE			
	▽=0	3 PLACES ± --- ± .010	GLT 1990/10/12			
		2 PLACES ± 0.25 ± ---	CHECKED BY DATE			
		1 PLACE ± --- ± ---	BAP 1990/10/12			
		ANGULAR ± 1/2°	APPROVED BY DATE			
			FSM1TH 2012/02/14			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	DOCUMENT NO.		SHEET NO.
			SEE SHEET 4	SDA-42410-***		2 OF 4
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

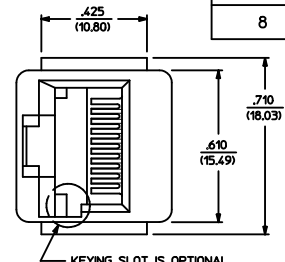
PANEL CUT-OUT FOR CONNECTOR SIZE 6

P.C. BOARD LAYOUT FOR CONNECTOR SIZE 6

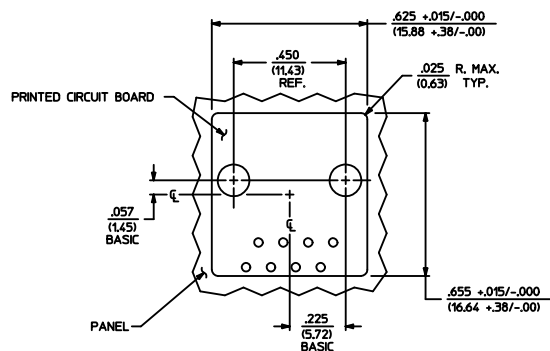
NOTES:
1) MATERIALS: HOUSING PARTS ARE MADE OF POLYESTER, RATED UL 94 V-0. COLOR IS BLACK. TERMINALS ARE .015/(0.38) THICK PHOSPHOR BRONZE.
2) TERMINAL PLATING OPTIONS PER ES-88-****:
A - SELECT GOLD IN CONTACT AREA: 50 MICROINCHES MIN.
SELECT MATTE TIN IN PC TAIL AREA: 100 MICROINCHES MIN.
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES MIN.
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 2 & 4 FOR CONNECTOR SIZE 6.
10) SEE SHEET 4 FOR ASSEMBLY ITEM NUMBERS.
11) THIS MODULAR JACK ASSEMBLY IS ALSO AVAILABLE IN A UL 94V-0 RATED, GLASS-FILLED NYLON. (SEE MOLEX DRAWING SDA-43576)
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/- .025 (3.05 +.38/- .63)
.125/(3.18)	.191 (4.85)	.205 +.015/- .025 (5.21 +.38/- .63)

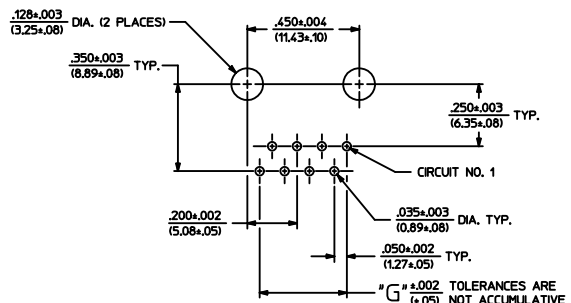
CONNECTOR SIZE	CIRCUIT SIZE	DIM. "G"
8	8	.350 (8.89)
8	6	.250 (6.35)
8	4	.150 (3.81)
8	2	.050 (1.27)



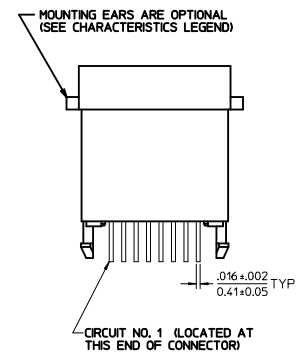
KEYING SLOT IS OPTIONAL



PANEL CUT-OUT FOR CONNECTOR SIZE 8

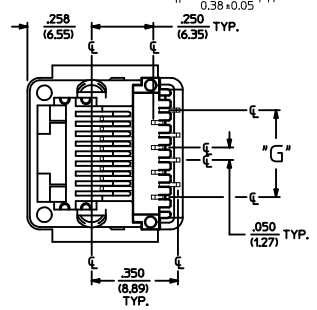
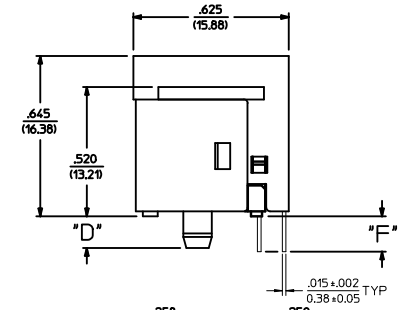


P.C. BOARD LAYOUT FOR CONNECTOR SIZE 8



MOUNTING EARS ARE OPTIONAL (SEE CHARACTERISTICS LEGEND)

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



SIZE 8 MODULAR JACK LOADED WITH 8 TERMINALS SHOWN ABOVE
(SEE SHEET 4 FOR PART NUMBER AVAILABILITY)

SEE SHEET 1 N1	EC NO: UC20101-3830	2011/06/06	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION
	DRWNG: JAQUILAR	2011/06/09				IN/MM	4:1	INCH			
	CHKD: BELL	2011/06/09									
	APPR: SMTH	2012/02/14									
					</						

		20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
SIZE 4 VERTICAL MODJACK ASSEMBLIES																					
		PART CHARACTERISTICS																			
Y-NOT TOOLED	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	↑	↑	.062/(1.57)	NO	A															
	42410-4264	↓	↓	.125/(3.18)	YES	A															
	42410-4266	4 POS. BODY	4	.125/(3.18)	NO	A															
	42410-4312	4 POS. BODY	2	.062/(1.57)	YES	A															
	42410-4314	↑	↑	.062/(1.57)	NO	A															
	42410-4408	↓	↓	.125/(3.18)	YES	A															
	42410-4410	4 POS. BODY	2	.125/(3.18)	NO	A															
SIZE 6 VERTICAL MODJACK ASSEMBLIES																					
		PART CHARACTERISTICS																			
Y-NOT TOOLED	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	↑	↑	.062/(1.57)	NO	A															
	42410-6264	↓	↓	.125/(3.18)	YES	A															
	42410-6266	6 POS. BODY	6	.125/(3.18)	NO	A															
	42410-6312	6 POS. BODY	4	.062/(1.57)	YES	A															
	42410-6314	↑	↑	.062/(1.57)	NO	A															
	42410-6320	↑	↑	.062/(1.57)	YES	B															
	42410-6408	↓	↓	.125/(3.18)	YES	A															
	42410-6410	6 POS. BODY	4	.125/(3.18)	NO	A															
	42410-6456	6 POS. BODY	2	.062/(1.57)	YES	A															
	42410-6458	↑	↑	.062/(1.57)	NO	A															
	42410-6552	↓	↓	.125/(3.18)	YES	A															
	42410-6554	6 POS. BODY	2	.125/(3.18)	NO	A															
SIZE 8 VERTICAL MODJACK ASSEMBLIES																					
		PART CHARACTERISTICS																			
Y-NOT TOOLED	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	↑	↑	.062/(1.57)	NO	NO	A														
	42410-8360	↑	↑	.062/(1.57)	YES	YES	A														
	42410-8362			.062/(1.57)	YES	NO	A														
	42410-8504			.125/(3.18)	NO	YES	A														
	42410-8506			.125/(3.18)	NO	NO	A														
	42410-8552	↓	↓	.125/(3.18)	YES	YES	A														
	42410-8554	8 POS. BODY	8	.125/(3.18)	YES	NO	A														
	42410-8600	8 POS. BODY	6	.062/(1.57)	NO	YES	A														
	42410-8602	↑	↑	.062/(1.57)	NO	NO	A														
	42410-8648			.062/(1.57)	YES	YES	A														
	42410-8650			.062/(1.57)	YES	NO	A														
	42410-8792			.125/(3.18)	NO	YES	A														
	42410-8794			.125/(3.18)	NO	NO	A														
	42410-8840	↓	↓	.125/(3.18)	YES	YES	A														
	42410-8842	8 POS. BODY	6	.125/(3.18)	YES	NO	A														
	42410-8888	8 POS. BODY	4	.062/(1.57)	NO	YES	A														
	42410-8890	↑	↑	.062/(1.57)	NO	NO	A														
	42410-8936			.062/(1.57)	YES	YES	A														
	42410-8938	↑	↑	.062/(1.57)	YES	NO	A														
	42410-9080			.125/(3.18)	NO	YES	A														
	42410-9082			.125/(3.18)	NO	NO	A														
	42410-9128	↓	↓	.125/(3.18)	YES	YES	A														
	42410-9130	8 POS. BODY	4	.125/(3.18)	YES	NO	A														
	42410-9176	8 POS. BODY	2	.062/(1.57)	NO	YES	A														
	42410-9178	↑	↑	.062/(1.57)	NO	NO	A														
	42410-9224			.062/(1.57)	YES	YES	A														
	42410-9226			.062/(1.57)	YES	NO	A														
	42410-9368			.125/(3.18)	NO	YES	A														
	42410-9370			.125/(3.18)	NO	NO	A														
	42410-9416	↓	↓	.125/(3.18)	YES	YES	A														
	42410-9418	8 POS. BODY	2	.125/(3.18)	YES	NO	A														
SEE SHEET 1 SEC NO: UCP2011-3830 DRAWN: JAGUILAR 2011/06/09 CHKD: BELL 2011/06/09 APPR: F SMITH 2012/02/14 REV																					
QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION											
▽=0		mm INCH		DRAWN BY DATE		1:1 INCH				ASSEMBLY, VERTICAL MODULAR JACKS (CONNECTOR SIZE 4)											
▽=0		4 PLACES ± --- ± ---		GLT 1990/10/12						TITLE											
▽=0		3 PLACES ± --- ± .010		CHECKED BY DATE						MOLEX INCORPORATED											
▽=0		2 PLACES ± 0.25 ± ---		BAP 1990/10/12						SHEET NO. 4 OF 4											
		1 PLACE ± --- ± ---		APPROVED BY DATE																	
		ANGULAR ±1/2°		FSMITH 2012/02/14																	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SEE CHART		DOCUMENT NO.		SDA-42410-****											
				SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															

10_Frame_D_P_AM_T Rev. F 2009/06/17

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