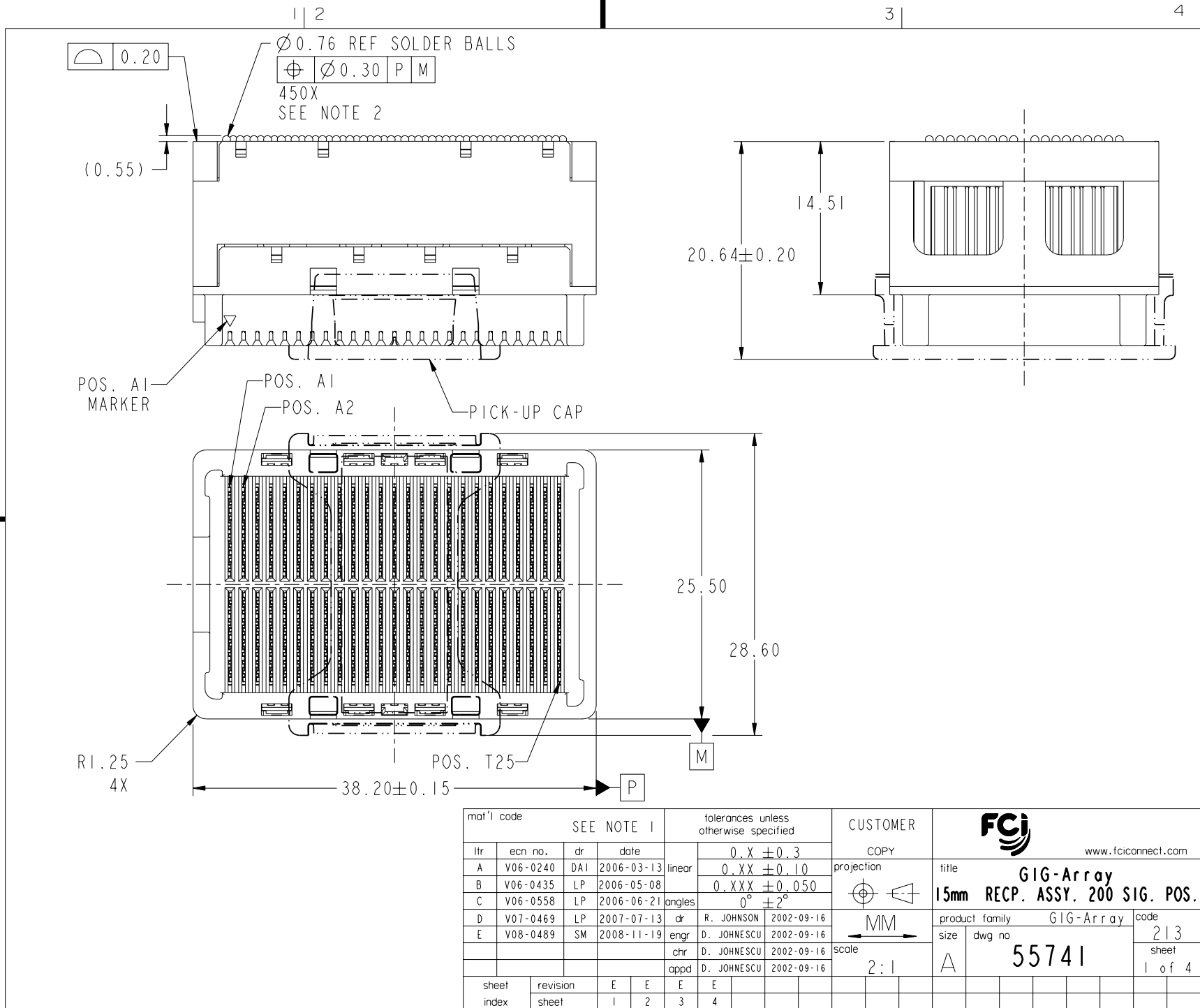




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mat'l code				SEE NOTE 1				tolerances unless otherwise specified				CUSTOMER			
ltr	ecn no.	dr	date	linear	0.X ± 0.3	projection	MM	0.XX ± 0.10	0.XXX ± 0.050	0° ± 2°	scale	2:1	size	dwg no	code
A	V06-0240	DAI	2006-03-13	linear	0.X ± 0.3	projection	MM	0.XX ± 0.10	0.XXX ± 0.050	0° ± 2°	scale	2:1	A	55741	213
B	V06-0435	LP	2006-05-08	linear	0.X ± 0.3	projection	MM	0.XX ± 0.10	0.XXX ± 0.050	0° ± 2°	scale	2:1	A	55741	213
C	V06-0558	LP	2006-06-21	linear	0.X ± 0.3	projection	MM	0.XX ± 0.10	0.XXX ± 0.050	0° ± 2°	scale	2:1	A	55741	213
D	V07-0469	LP	2007-07-13	dr	R. JOHNSON	2002-09-16	enr	D. JOHNESECU	2002-09-16	chr	D. JOHNESECU	2002-09-16	appd	D. JOHNESECU	2002-09-16
E	V08-0489	SM	2008-11-19	enr	D. JOHNESECU	2002-09-16	chr	D. JOHNESECU	2002-09-16	appd	D. JOHNESECU	2002-09-16			
sheet	revision	E	E	E	E	E	E	E	E	E	E	E	E	E	E
index	sheet	1	2	3	4										

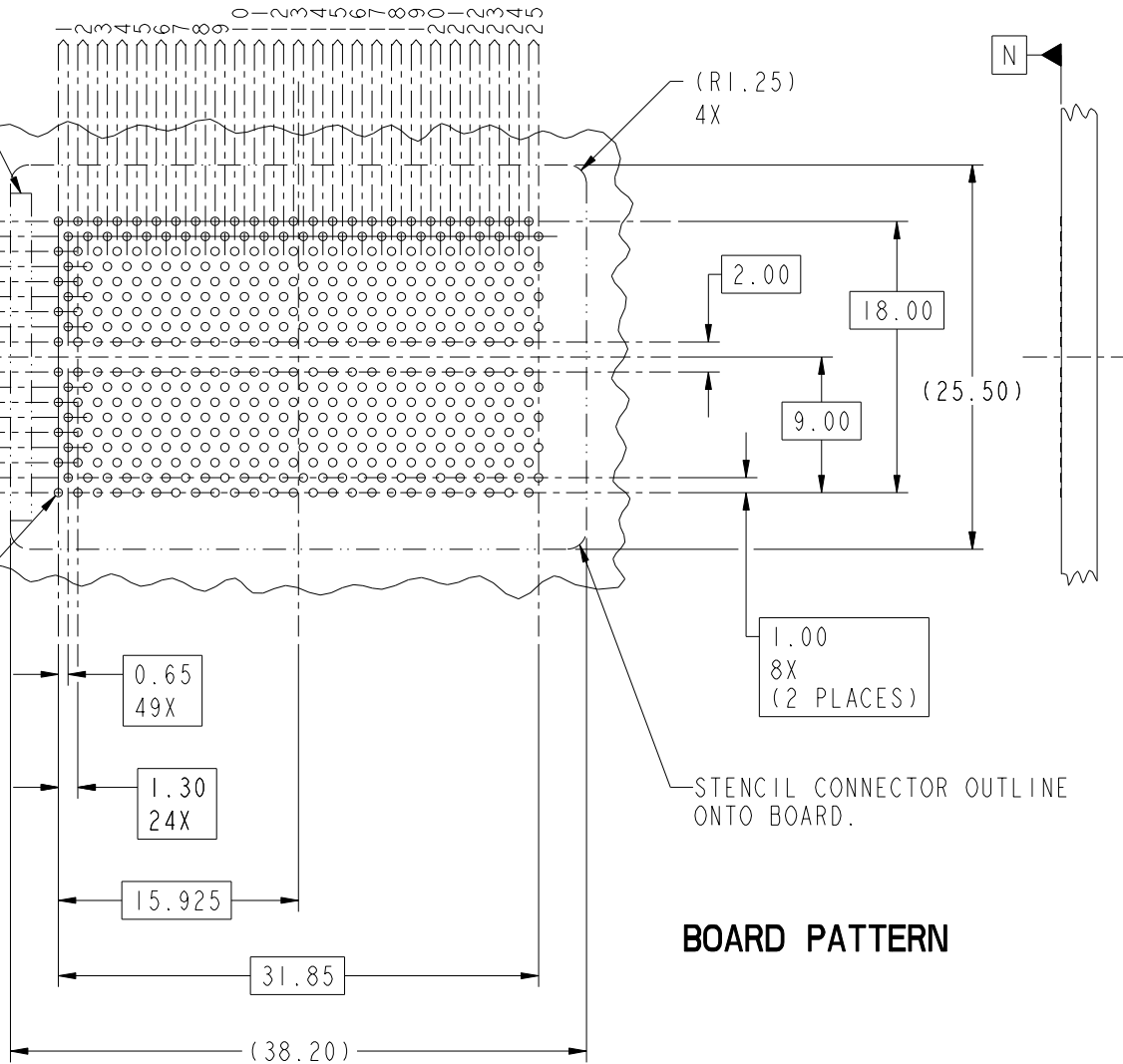


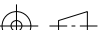
KEY ORIENTATION
SILK-SCREEN
(OPTIONAL)

SEE NOTES
4 & 5.

④ CONTACTS IN
ROWS J & K ARE
TIED TOGETHER
(COMMONED)

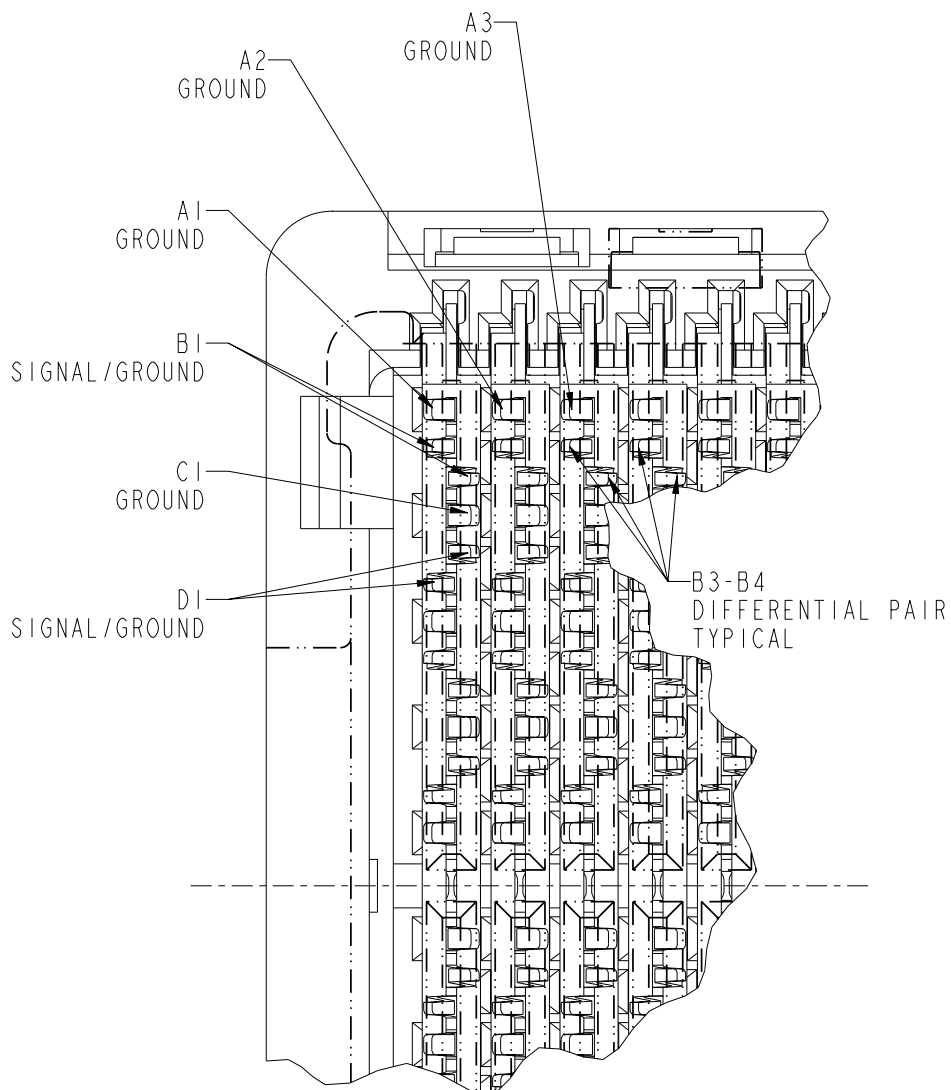
Ø 0.60
Ø 0.55
PAD SIZE
450X
SEE NOTE 6



mat'l code				SEE NOTE 1				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com						
ltr		ecn no.		dr		date		linear	0.X ±0.3				COPY				title GIG-Array 15mm RECP. ASSY. 200 SIG. POS					
E									0.XX ±0.10				projection 									
									angles	0.XXX ±0.050												
								0° ±2°														
								dr	R. JOHNSON 2002-09-16				 MM scale 2:1				product family GIG-Array				code	
								enrg	D. JOHNESCU 2002-09-16								size		dwg no		213	
								chr	D. JOHNESCU 2002-09-16												sheet	
								appd	D. JOHNESCU 2002-09-16										2			
sheet index		revision sheet																				



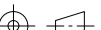
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RECEPTACLE INTERFACE DESCRIPTION

NOTES:

1. MATERIAL:
HOUSING: LCP
CONTACT: COPPER ALLOY
PLATING (CONTACT): Au OVER Ni.
UL RATING: 94 V-0
SOLDER BALL: (SEE TABLE) EUTECTIC
SnPb OR LEAD FREE 95.5 Sn/4Ag/0.5Cu.
2. SOLDER BALLS WILL NOT BE PERFECT
SPHERICAL SHAPE DUE TO REFLOW ATTACHMENT.
3. MATED HEIGHT EFFECTED BY CUSTOMERS'
PCB PAD SIZE, PLATING, SOLDER REFLOW
PROFILE & SOLDER PASTE.
4. CONTACTS IN ROWS A,C,E,G,J,K,M,P,R AND T
ARE SINGLE BEAM CONTACTS,
USED AS GROUND PINS.
(NOTE: CONTACTS IN ROWS J & K ARE
TIED TOGETHER [COMMONED])
5. CONTACTS IN ROWS B,D,F,H,L,N,Q AND S
ARE DUAL BEAM CONTACTS,
TYPICALLY USED AS SIGNAL PINS.

mat'l code				SEE NOTE 1				tolerances unless otherwise specified				CUSTOMER								www.fciconnect.com					
ltr		ecn no.		dr		date		linear		COPY															
E																									
								angles		0.X ± 0.3				title GIG-Array 15mm RECP. ASSY. 200 SIG. POS											
										0.XX ± 0.10															
										0.XXX ± 0.050															
										0° ± 2°															
								dr		R. JOHNSON 2002-09-16				product family				GIG-Array				code			
								enrg		D. JOHNESEU 2002-09-16				size				dwg no				213			
								chr		D. JOHNESEU 2002-09-16				scale				A				55741			
								appd		D. JOHNESEU 2002-09-16				7:1											
sheet index		revision sheet																							

Pro/E

PDM: Rev:E

STATUS: Released

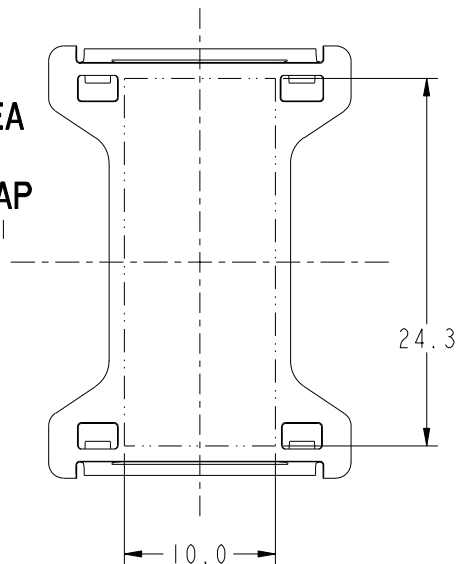
Printed: Dec 11, 2008



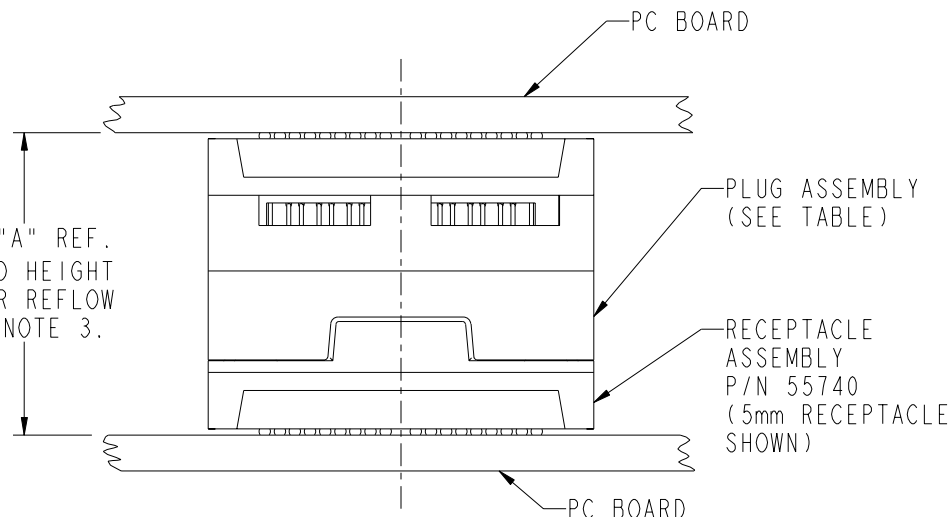
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PRODUCT NUMBER	SOLDER BALL
55741-001	SnPb
55741-001LF	SnAgCu LEAD FREE ⑦⑧

FLAT AREA
FOR
PICK-UP CAP
SCALE 2:1



DIM "A" REF.
MATED HEIGHT
AFTER REFLOW
SEE NOTE 3.



END VIEW OF MATED CONNECTORS
SCALE 2:1

DIM. "A"	PLUG ASSEMBLY P/N
25	55737
27	10026802
28	10055142
30	55738
35	55739
40	10054783

NOTES:

- SPECIFIED POSITIONAL TOLERANCE DEFINES PAD TO PAD LOCATION WITHIN LAND PATTERN. POSITIONAL TOLERANCE OF LAND PATTERN TO FUDICIAL MARKS OR PCB DATUMS SHALL BE DEFINED BY CUSTOMER. FOR RECOMMENDED PRODUCT APPLICATION AND PCB DESIGN DETAILS, SEE DOC. NO. GS-20-016.
- FOR PROPER APPLICATION FOLLOW FCI APPLICATION SPECIFICATION GS-20-033. LEAD FREE SOLDER BALLS WILL NOT SOLDER PROPERLY IN A LEADED SOLDER PROCESS DUE TO A HIGHER REFLOW TEMPERATURE. LEADFREE PRODUCT IS THEREFORE NOT BACKWARDS COMPATIBLE WITH LEADED OR SOME SOLDERING APPLICATIONS. REFERENCE FCI APPLICATION SPECIFICATION.
- THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008. PRODUCT MEETING THIS DIRECTIVE IS IDENTIFIED IN THE CODE NUMBER MARKED ON EACH PART BY HAVING AN "X" IN THE SEVENTH CHARACTER POSITION.

mat'l code				SEE NOTE 1				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com							
ltr		ecm no.		dr		date		linear	0.X ±0.3				projection 	title GIG-Array 15mm RECP. ASSY. 200 SIG. POS.									
E									0.XX ±0.10														
									0.XXX ±0.050														
								angles	0° ±2°				 MM scale 2:1	product family				GIG-Array				code	
								dr	R. JOHNSON		2002-09-16			size		dwg no		213					
								enrg	D. HARPER		2002-09-16			A 55741									
								chr	D. JOHNSCU		2002-09-16												
								appd	D. JOHNSCU		2002-09-16			sheet 4									
sheet index		revision sheet																					

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PDM: Rev:E

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