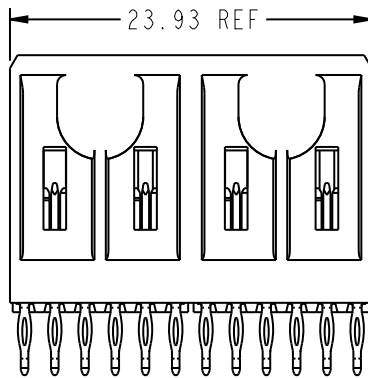
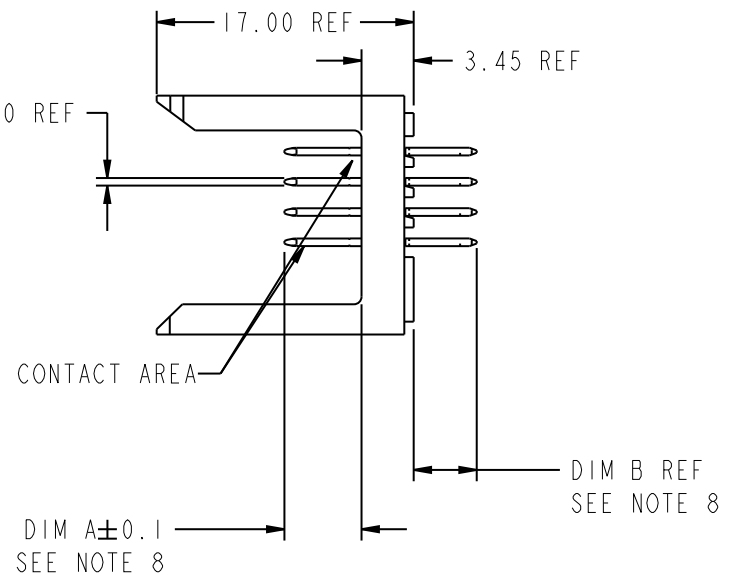
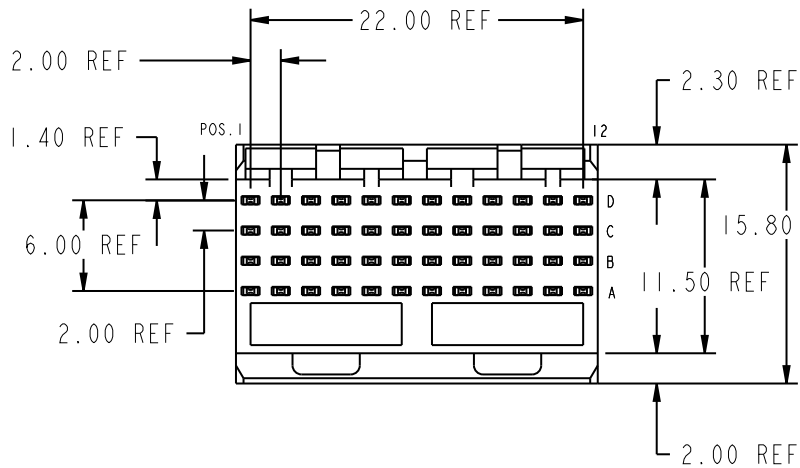


PRODUCT NUMBER
SEE TABLE

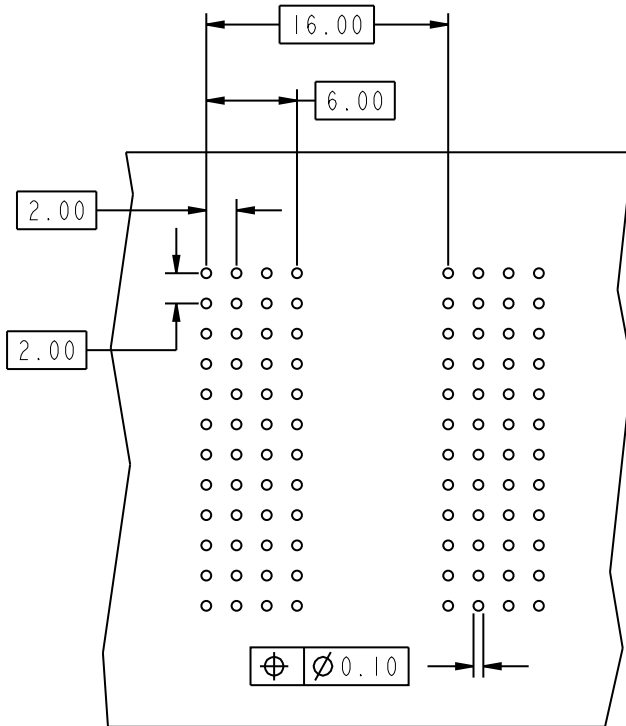


mat'l code				tolerances unless otherwise specified				CUSTOMER		FCJ www.fciconnect.com	
ltr	ecm no.	dr	date	linear	0.X ±0.3		COPY		title METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT		
AU	V06-0569	DCH	2006-06-13		0.XX ±0.13		projection				
AV	DG09-0256	TER	2009-08-19		.XXX ±.051						
-	-	-	-	angles	0° ±2°				product family METRAL code		
AP	V04-0913	HTB	09/09/04	dr	T.BRUNGARD	11/19/99	MM		size	213	
AR	V04-0990	DAI	09/30/04	engr	M.STRAWSER	11/19/99	← MM →		dwg no	88922	
AS	V05-0053	TAB	02/17/05	chr	M.STRAWSER	11/19/99	scale		A		
AT	V05-0368	DPU	06/01/05	appd	M.STRAWSER	02/29/00	2:1				
sheet	revision	AV	AV	AV	AV	AV	AV	AV	1 of 7		
index	sheet	1	2	3	4	5	6	7			

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REQUIRED PC BOARD LAYOUT
COMPONENT SIDE
SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
1	5.00	4.30
2	5.75	4.30
3	6.50	4.30
4	7.25	4.30
5	5.00	13.60
6	5.75	13.60
7	6.50	13.60
8	7.25	13.60
11	6.50	17.00
17	7.00	13.60
19	8.00	4.30
20	8.00	13.60
21	8.00	17.00
25	5.75	15.60
52	8.00	14.90
64	5.75	14.90
69	7.25	14.90

mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fcjconnect.com		
ltr	ecm no.	dr	date	linear	0.X ±0.3	COPY		projection		
AV					0.XX ±0.13	MM				title METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT
					.XXX ±.051					
				angles	0° ±2°	scale		2:1	product family METRAL	
				dr	T.BRUNGARD	11/19/99	size		dwg no	
				engr	M.STRAWSER	11/19/99	A		88922	
				chr	M.STRAWSER	11/19/99	sheet		213	
				appd	M.STRAWSER	02/29/00	sheet		2	
sheet index	revision sheet									

cage code 22526

Pro/E

PDM: Rev:AV


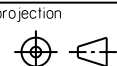
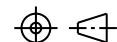

STATUS:Released

Printed: Jan 17, 2011

PRODUCT NUMBER	DESCRIPTION	PLATING IN PRESS FIT TAIL AREA	PERFORMANCE LEVEL OF PLATING IN CONTACT AREA
88922-NIYY	STANDARD	TIN LEAD	TELCORDIA CO (NXT)
88922-N5YY	STANDARD	TIN LEAD	TELCORDIA UE (NXT)
88922-IYY	STANDARD	TIN LEAD	TELCORDIA CO
88922-2YY	STANDARD	TIN LEAD	TELECOM CLASS
88922-3YY	STANDARD	TIN LEAD	IEC CLASS I
88922-5YY	STANDARD	TIN LEAD	TELCORDIA UE
88922-NIYYLF	LEAD FREE	TIN	TELCORDIA CO (NXT), IEC CLASS I, SEE NOTES 9 AND 10
88922-N5YYLF	LEAD FREE	TIN	TELCORDIA UE (NXT) SEE NOTES 9 AND 10
88922-IYYLF	LEAD FREE	TIN	TELCORDIA CO , IEC CLASS I, SEE NOTES 9 AND 10
88922-2YYLF	LEAD FREE	TIN	TELECOM CLASS, SEE NOTES 9 AND 10
88922-5YYLF	LEAD FREE	TIN	TELECORDIA UE , SEE NOTES 9 AND 10

NOTES:

1. FOR DIM A AND B SEE SHEET 2 AND UP.
2. BODY MATERIAL: LIQUID CRYSTAL POLYMER 30 % GLASS. FLAME RETARDANT ACC. UL 94-V0.
3. PIN MATERIAL: PHOSPHOR BRONZE.
4. PLATING ON PRESS-FIT TAIL AREA: SEE PRODUCT NUMBER TABLE. PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE ON SHEET3.
5. PRODUCT MARKING: PART NUMBER DESIGNATION & BATCH I.D.
6. ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES. IF TRAY PACKAGING IS REQUIRED, A SUFFIX "P" WILL BE ADDED TO THE END OF THE PART NUMBER. EXAMPLE: XXXXX-XXXX OR XXXXX-XXXXLF
7. PRODUCT SPECIFICATION: GS-12-180 APPLICATION SPECIFICATION: BUS-20-073
8. AFTER INSERTION INTO BOARD WITH QUALIFIED TOOLING.
9. THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-12-008.
10. ALL THE PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING 88922-NI---OR 88922-N5---WILL WITHSTAND EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. PART NUMBERS 88922-NI---AND 88922-N5--- WILL NOT WITHSTAND REFLOW AND THE Au CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140 DEGREES C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

mat'l code		SEE NOTES		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY		 title METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT
AV					0.XX ±0.13		projection		
					.XXX ±.051				
				angles	0° ±2°				product family METRAL code 213 size dwg no 88922 sheet 3
				dr	T.BRUNGARD	11/19/99	MM		
				engr	x. xxxxxx	mm/dd/yy			
				chr	M.STRAWSER	11/19/99	scale		A
				appd	M.STRAWSER	02/29/00	11:1		
sheet index	revision sheet								



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METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2					
		1	2	3	4	5	6	7	8		
88922-X01 AND 88922-X01LF	D	-	2	-	2	-	2	-	2	-	2
	C	-	2	-	2	-	2	-	2	-	2
	B	-	2	-	2	-	2	-	2	-	2
	A	-	2	-	2	-	2	-	2	-	2
88922-X02 AND 88922-X02LF	D	-	6	-	6	-	6	-	6	-	6
	C	-	6	-	6	-	6	-	6	-	6
	B	-	6	-	6	-	6	-	6	-	6
	A	-	6	-	6	-	6	-	6	-	6
88922-X03 AND 88922-X03LF	D	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	3	2	2	2	2
88922-X04 AND 88922-X04LF	D	-	-	2	-	-	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2
	A	-	-	-	-	-	4	4	4	19	19
88922-X05 AND 88922-X05LF	D	25	25	25	25	25	25	25	25	25	25
	C	25	25	25	25	25	25	25	25	25	25
	B	25	25	25	25	25	25	25	25	25	25
	A	25	25	25	25	25	25	25	25	25	25
88922-X06 AND 88922-X06LF	D	6	6	6	20	20	20	6	6	6	20
	C	6	6	6	20	20	20	6	6	6	20
	B	6	6	6	20	20	20	6	6	6	20
	A	6	6	6	20	20	20	6	6	6	20
88922-X07 AND 88922-X07LF	D	2	3	2	2	2	2	2	2	2	2
	C	2	3	2	2	2	2	2	2	2	2
	B	2	3	2	2	2	2	2	2	2	2
	A	2	3	2	2	2	2	2	2	2	2
88922-X08 AND 88922-X08LF	D	1	1	1	1	1	1	1	1	19	19
	C	1	1	1	1	1	1	1	1	19	19
	B	1	1	1	1	1	1	1	1	19	19
	A	1	1	1	1	1	1	1	1	19	19
88922-X09 AND 88922-X09LF	D	1	3	1	1	1	1	1	1	1	1
	C	1	3	1	1	1	1	1	1	1	1
	B	1	3	1	1	1	1	1	1	1	1
	A	1	3	1	1	1	1	1	1	1	1
88922-X10 AND 88922-X10LF	D	-	-	6	6	-	6	6	6	6	6
	C	6	6	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6	6	6
	A	-	-	-	-	-	8	8	8	8	20
88922-X11 AND 88922-X11LF	D	19	1	1	1	1	19	1	19	1	19
	C	3	1	1	1	1	19	1	19	1	19
	B	3	1	1	1	1	19	1	19	1	19
	A	3	1	1	1	1	19	1	19	1	19
88922-X12 AND 88922-X12LF	D	1	1	1	1	1	1	1	1	3	3
	C	1	1	1	1	1	1	1	1	3	3
	B	1	1	1	1	1	1	1	1	3	3
	A	1	1	1	1	1	1	1	1	3	3

mat'l code		--		tolerances unless otherwise specified		CUSTOMER			
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		www.fcjconnect.com	
AV				linear	0.XX ±0.13	projection		title	
				angles	.XXX ±.051			METRAL SIGNAL HEADER	
				dr	0° ±2°			2 MOD, 4 ROW PRESS-FIT	
				engr	T.BRUNGARD 11/19/99	MM		product family	
				chr	M.STRAWSER 11/19/99	← MM →		METRAL	
				appd	M.STRAWSER 02/29/00	scale		code	
						1:1		size	
sheet	revision					A		dwg no	
index	sheet					A		88922	
						A		sheet	
						A		4	

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METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2							
		1	2	3	4	5	6	7	8				
88922-X13 AND 88922-X13LF	D	20	-	7	7	7	7	7	7	7	-	20	
	C	20	-	7	7	7	7	7	7	7	-	20	
	B	20	-	7	7	7	7	7	7	7	-	20	
	A	20	-	7	7	7	7	7	7	7	-	20	
88922-X14 AND 88922-X14LF	D	19	3	3	3	3	3	3	3	3	3	19	
	C	19	3	3	3	3	3	3	3	3	3	19	
	B	19	3	3	3	3	3	3	3	3	3	19	
	A	19	3	3	3	3	3	3	3	3	3	19	
88922-X15 AND 88922-X15LF	D	7	5	5	5	5	5	5	5	5	5	7	
	C	7	5	5	5	5	5	5	5	5	5	7	
	B	7	5	5	5	5	5	5	5	5	5	7	
	A	7	5	5	5	5	5	5	5	5	5	7	
88922-X16 AND 88922-X16LF	D	-	2	-	2	-	2	-	2	-	2	-	
	C	-	2	-	2	-	2	-	2	-	2	-	
	B	-	2	-	2	-	2	-	2	-	2	-	
	A	-	2	-	2	-	2	-	2	-	2	-	
88922-X17 AND 88922-X17LF	D	-	6	-	6	-	6	-	6	-	6	-	
	C	-	6	-	6	-	6	-	6	-	6	-	
	B	-	6	-	6	-	6	-	6	-	6	-	
	A	-	6	-	6	-	6	-	6	-	6	-	
88922-X18 AND 88922-X18LF	D	1	1	1	4	1	1	3	3	4	4	-	4
	C	1	1	1	4	1	1	3	3	4	4	-	4
	B	1	1	1	4	1	1	3	3	4	4	-	4
	A	1	1	1	4	1	1	3	3	4	4	-	4
88922-X19 AND 88922-X19LF	D	1	2	2	2	2	2	2	2	2	2	4	4
	C	1	2	2	2	2	2	2	2	2	2	4	4
	B	1	2	2	2	2	2	2	2	2	2	4	4
	A	1	2	2	2	2	2	2	2	2	2	4	4
88922-X20 AND 88922-X20LF	D	21	-	11	-	11	-	11	-	11	-	21	
	C	21	-	11	-	11	-	11	-	11	-	21	
	B	21	-	11	-	11	-	11	-	11	-	21	
	A	21	-	11	-	11	-	11	-	11	-	21	
88922-X21 AND 88922-X21LF	D	20	-	7	-	7	-	7	-	7	-	20	
	C	20	-	7	-	7	-	7	-	7	-	20	
	B	20	-	7	-	7	-	7	-	7	-	20	
	A	20	-	7	-	7	-	7	-	7	-	20	
88922-X22 AND 88922-X22LF	D	2	2	2	6	6	6	6	6	6	2	2	
	C	2	2	2	6	6	6	6	6	6	2	2	
	B	2	2	2	6	6	6	6	6	6	2	2	
	A	2	2	2	6	6	6	6	6	6	2	2	
88922-X23 AND 88922-X23LF	D	19	3	3	3	3	19	3	3	3	3	3	
	C	19	3	3	3	3	19	3	3	3	3	3	
	B	19	3	3	3	3	19	3	3	3	3	3	
	A	19	3	3	3	3	19	3	3	3	3	3	
88922-X24 AND 88922-X24LF	D	7	-	7	-	7	-	7	-	7	-	7	
	C	7	-	7	-	7	-	7	-	7	-	7	
	B	7	-	7	-	7	-	7	-	7	-	7	
	A	7	-	7	-	7	-	7	-	7	-	7	

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCJ		www.fcjconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		projection		title	
AV					0.XX ±0.13					METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS FIT	
				angles	.XXX ±.051					product family	
				dr	0° ±2°			MM		METRAL	
				engr						code	
				chr	T.BRUNGARD 11/19/99			size		213	
				appr	M.STRAWSER 11/19/99			A		sheet	
					M.STRAWSER 02/29/00			88922		5	
sheet index	revision sheet										



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METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
88922-X25 AND 88922-X25LF	D	3	3	3	3	3	3	-	3
	C	3	3	3	3	3	3	-	3
	B	3	3	3	3	3	3	-	3
	A	3	3	3	3	3	3	-	3
88922-X26 AND 88922-X26LF	D	19	3	3	3	3	19	3	3
	C	19	3	3	3	3	19	3	3
	B	19	3	3	3	3	19	3	3
	A	19	3	3	3	3	19	3	3
88922-X27 AND 88922-X27LF	D	3	-	3	-	3	-	3	-
	C	-	3	-	3	-	3	-	3
	B	3	-	3	-	3	-	3	-
	A	-	3	-	3	-	3	-	3
88922-X28 AND 88922-X28LF	D	19	-	3	-	3	-	3	-
	C	19	-	3	-	3	-	3	-
	B	19	-	3	-	3	-	3	-
	A	19	-	3	-	3	-	3	-
88922-X29 AND 88922-X29LF	D	-	7	-	7	-	7	-	7
	C	7	-	7	-	7	-	7	-
	B	-	7	-	7	-	7	-	7
	A	7	-	7	-	7	-	7	-
88922-X30 AND 88922-X30LF	D	-	17	-	17	-	17	-	17
	C	17	-	17	-	17	-	17	-
	B	-	17	-	17	-	17	-	17
	A	17	-	17	-	17	-	17	-
88922-X31 AND 88922-X31LF	D	3	3	2	3	2	4	4	2
	C	3	3	2	3	2	4	4	2
	B	3	3	2	3	2	4	4	2
	A	3	3	2	3	2	4	4	2
88922-X32 AND 88922-X32LF	D	-	-	6	6	-	20	6	6
	C	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6
	A	-	-	-	-	8	8	8	20
88922-X33 AND 88922-X33LF	D	-	-	64	64	-	52	64	64
	C	64	64	64	64	64	64	64	64
	B	64	64	64	64	64	64	64	64
	A	-	-	-	-	69	69	69	52
88922-X34 AND 88922-X34LF	D	7	6	6	6	6	6	6	5
	C	7	6	6	6	6	6	6	5
	B	7	6	6	6	6	6	6	5
	A	7	6	6	6	6	6	6	5
88922-X35 AND 88922-X35LF	D	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2
	A	4	4	4	19	19	4	4	19
88922-X36 AND 88922-X36LF	D	7	7	7	7	6	7	6	7
	C	7	7	7	7	7	7	7	7
	B	7	7	7	7	7	7	7	7
	A	7	7	7	7	7	7	7	7

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY	www.fciconnect.com		
AV				angles	0.XX ±0.13	projection	title		
					.XXX ±.051		METRAL SIGNAL HEADER		
				dr	0° ±2°		2 MOD, 4 ROW PRESS-FIT		
				enr	T.BRUNGARD 11/19/99	scale	product family	METRAL	code
				chr	M.STRAWSER 11/19/99	1:1	size	dwg no	213
				appd	M.STRAWSER 02/29/00	A	88922	sheet	6
sheet index	revision sheet								

1 | 2

3 |

4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
88922-X37 AND 88922-X37LF	D	3	3	3	3	3	3	3	3	3	3	3	3
	C	3	3	3	3	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	1	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
88922-X38 AND 88922-X38LF	D	3	3	1	9	3	3	3	3	3	3	3	3
	C	3	3	1	9	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	1	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3	3	3

A


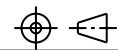

A



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B

B

mat'l code				--		tolerances unless otherwise specified		CUSTOMER		 www.fcjconnect.com	
ltr	ecm no.	dr	date	linear	0.X ±0.3		COPY		title METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT		
AV					0.XX ±0.13		projection				
					.XXX ±.051						
				angles	0° ±2°				product family		code
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Стандарт Электрон Связь

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