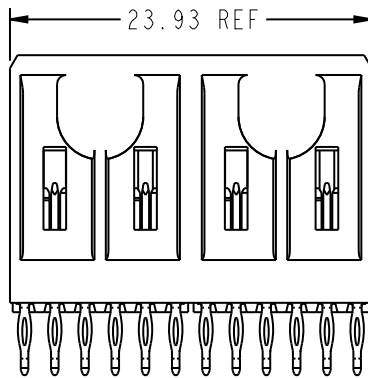
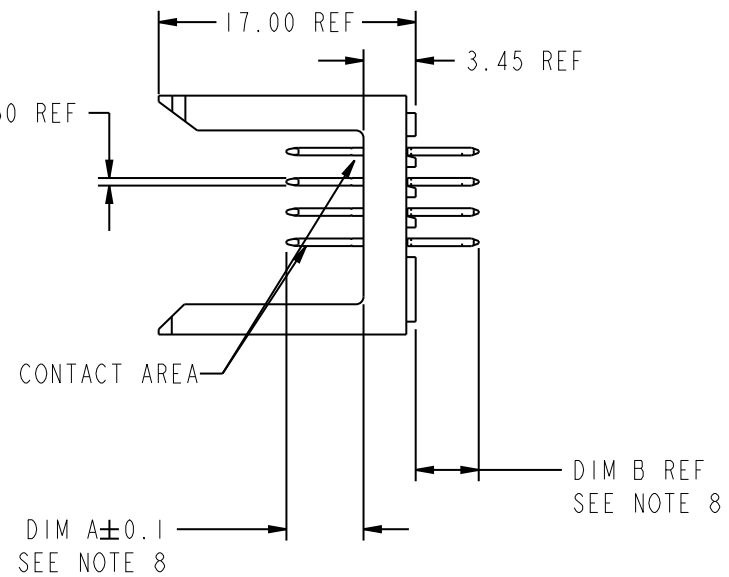
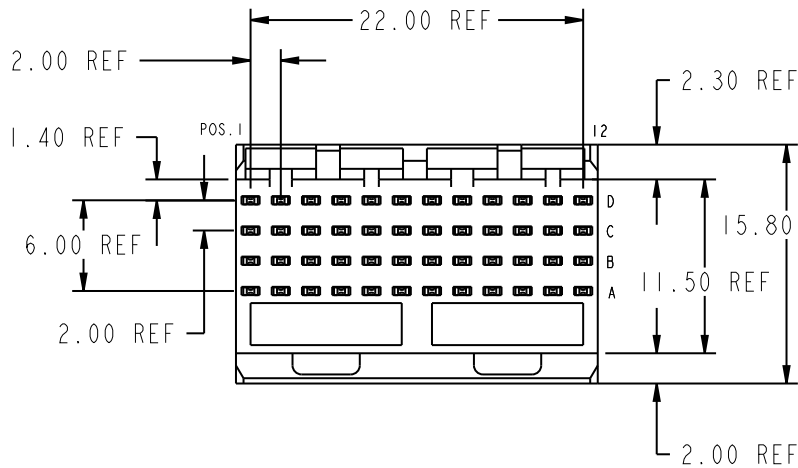


PRODUCT NUMBER
SEE TABLE

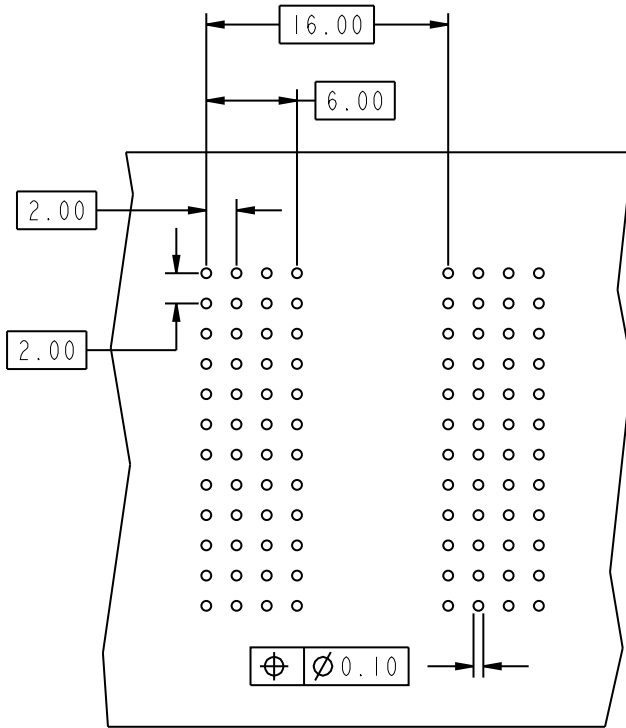


mat'l code				tolerances unless otherwise specified				CUSTOMER		FCJ www.fciconnect.com	
ltr	ecm no.	dr	date	linear	0.X ±0.3		COPY		title METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT		
AU	V06-0569	DCH	2006-06-13		0.XX ±0.13		projection				
AV	DG09-0256	TER	2009-08-19		.XXX ±.051						
-	-	-	-	angles	0° ±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		1 of 7		
AT	V05-0368	DPU	06/01/05	appd	M.STRAWSER	02/29/00	2:1		A		
sheet	revision	AV	AV	AV	AV	AV	AV	AV	cage code 22526		
index	sheet	1	2	3	4	5	6	7	4		

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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		FCJ www.fcjconnect.com	
ltr	ecm no.	dr	date	linear	0.X ±0.3	COPY		projection	title METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT
AV					0.XX ±0.13	MM			
					.XXX ±.051	2:1			
				angles	0° ±2°	scale		product family METRAL	code 213
				dr	T.BRUNGARD	11/19/99	A		
				engr	M.STRAWSER	11/19/99			
				chr	M.STRAWSER	11/19/99			
				appd	M.STRAWSER	02/29/00			
sheet index	revision sheet								

cage code 22526

Pro/E

PDM: Rev:AV


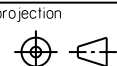
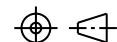
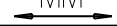
STATUS:Released

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	TELCORDIA 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 11:1		cage code 22526
				appd	M.STRAWSER	02/29/00			
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	-	2
	C	-	2	-	2	-	2	-	2	-	2	-	2
	B	-	2	-	2	-	2	-	2	-	2	-	2
	A	-	2	-	2	-	2	-	2	-	2	-	2
88922-X02 AND 88922-X02LF	D	-	6	-	6	-	6	-	6	-	6	-	6
	C	-	6	-	6	-	6	-	6	-	6	-	6
	B	-	6	-	6	-	6	-	6	-	6	-	6
	A	-	6	-	6	-	6	-	6	-	6	-	6
88922-X03 AND 88922-X03LF	D	2	2	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	3	2	2	2	2	2	2
88922-X04 AND 88922-X04LF	D	-	-	2	-	-	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2
	A	-	-	-	-	-	4	4	4	4	19	19	19
88922-X05 AND 88922-X05LF	D	25	25	25	25	25	25	25	25	25	25	25	25
	C	25	25	25	25	25	25	25	25	25	25	25	25
	B	25	25	25	25	25	25	25	25	25	25	25	25
	A	25	25	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	20	20
	C	6	6	6	20	20	20	6	6	6	20	20	20
	B	6	6	6	20	20	20	6	6	6	20	20	20
	A	6	6	6	20	20	20	6	6	6	20	20	20
88922-X07 AND 88922-X07LF	D	2	3	2	2	2	2	2	2	2	2	2	2
	C	2	3	2	2	2	2	2	2	2	2	2	2
	B	2	3	2	2	2	2	2	2	2	2	2	2
	A	2	3	2	2	2	2	2	2	2	2	2	2
88922-X08 AND 88922-X08LF	D	1	1	1	1	1	1	1	1	1	19	19	19
	C	1	1	1	1	1	1	1	1	1	19	19	19
	B	1	1	1	1	1	1	1	1	1	19	19	19
	A	1	1	1	1	1	1	1	1	1	19	19	19
88922-X09 AND 88922-X09LF	D	1	3	1	1	1	1	1	1	1	1	1	1
	C	1	3	1	1	1	1	1	1	1	1	1	1
	B	1	3	1	1	1	1	1	1	1	1	1	1
	A	1	3	1	1	1	1	1	1	1	1	1	1
88922-X10 AND 88922-X10LF	D	-	-	6	6	-	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6	6	6	6	6
	A	-	-	-	-	-	8	8	8	8	20	20	20
88922-X11 AND 88922-X11LF	D	19	1	1	1	1	19	1	19	1	19	1	19
	C	3	1	1	1	1	19	19	1	19	1	19	1
	B	3	1	1	1	1	19	19	1	19	1	19	1
	A	3	1	1	1	1	19	19	1	19	1	19	1
88922-X12 AND 88922-X12LF	D	1	1	1	1	1	1	1	1	1	1	3	3
	C	1	1	1	1	1	1	1	1	1	1	3	3
	B	1	1	1	1	1	1	1	1	1	1	3	3
	A	1	1	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°	MM		2 MOD, 4 ROW PRESS-FIT			
				engr	T.BRUNGARD 11/19/99	scale 1:1		product family			
				chr	M.STRAWSER 11/19/99			METRAL		code	
				appd	M.STRAWSER 02/29/00			size		213	
sheet index	revision sheet					A		88922			
								sheet 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
	C	20	-	7	7	7	7	7	7
	B	20	-	7	7	7	7	7	7
	A	20	-	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
88922-X17 AND 88922-X17LF	D	-	6	-	6	-	6	-	6
	C	-	-	-	-	-	-	-	-
	B	-	-	-	-	-	-	-	-
	A	-	6	-	6	-	6	-	6

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
88922-X21 AND 88922-X21LF	D	20	-	7	-	7	-	7	-
	C	20	-	-	7	-	7	-	7
	B	20	-	7	-	7	-	7	-
	A	20	-	-	7	-	7	-	7

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
88922-X14 AND 88922-X14LF	D	19	3	3	3	3	3	3	3
	C	19	3	3	3	3	3	3	3
	B	19	3	3	3	3	3	3	3
	A	19	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
88922-X18 AND 88922-X18LF	D	1	1	1	4	1	1	3	3
	C	1	1	1	4	1	1	3	3
	B	1	1	1	4	1	1	3	3
	A	1	1	1	4	1	1	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
88922-X22 AND 88922-X22LF	D	2	2	2	6	6	6	6	6
	C	2	2	2	6	6	6	6	6
	B	2	2	2	6	6	6	6	6
	A	2	2	2	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
88922-X15 AND 88922-X15LF	D	7	5	5	5	5	5	5	5
	C	7	5	5	5	5	5	5	5
	B	7	5	5	5	5	5	5	5
	A	7	5	5	5	5	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
88922-X19 AND 88922-X19LF	D	1	2	2	2	2	2	2	2
	C	1	2	2	2	2	2	2	2
	B	1	2	2	2	2	2	2	2
	A	1	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
88922-X23 AND 88922-X23LF	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

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
88922-X16 AND 88922-X16LF	D	-	2	-	2	-	2	-	2
	C	-	-	-	-	-	-	-	-
	B	-	-	-	-	-	-	-	-
	A	-	2	-	2	-	2	-	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
88922-X20 AND 88922-X20LF	D	21	-	11	-	11	-	11	-
	C	21	-	-	11	-	11	-	11
	B	21	-	11	-	11	-	11	-
	A	21	-	-	11	-	11	-	11

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
88922-X24 AND 88922-X24LF	D	7	-	7	-	7	-	7	-
	C	-	7	-	7	-	7	-	7
	B	7	-	7	-	7	-	7	-
	A	-	7	-	7	-	7	-	7

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


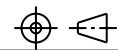

A



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