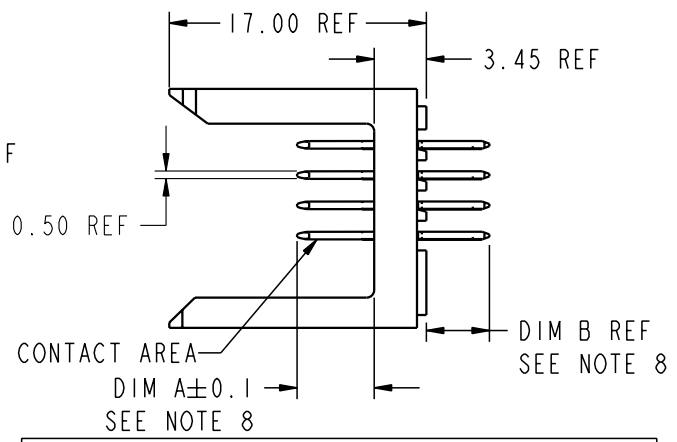
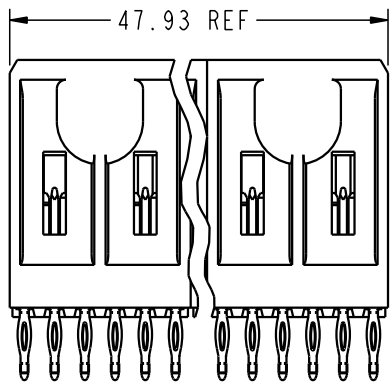
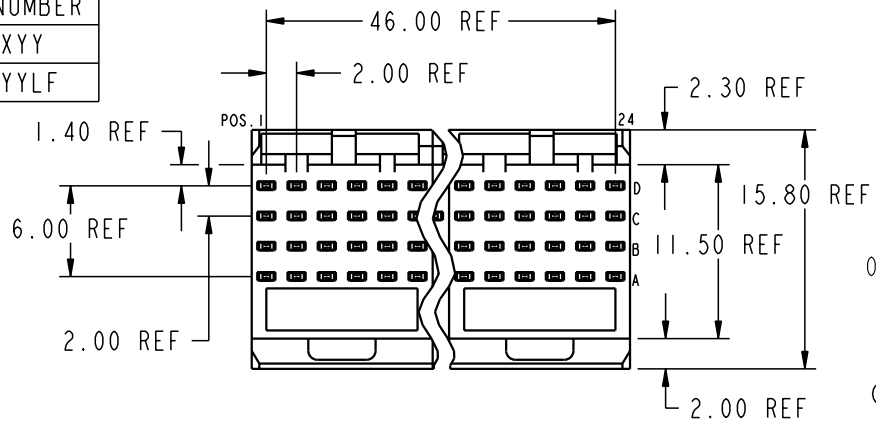


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PRODUCT NUMBER
70234-XYX
70234-XYLFF



PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-Ayy	TELCORDIA CO	SEE NOTE 9
-MyY	.38µm GOLD MIN.	-
-NIyy	TELCORDIA CO (NXT)	-
-N5yy	TELCORDIA UE (NXT)	-
-Iyy	TELCORDIA CO	-
-2yy	TELECOM CLASS	-
-3yy	IEC CLASS I	-
-5yy	TELCORDIA UE	-
-9yy	TELCORDIA CO	-
-NIYYLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 10
-N5YYLF	TELCORDIA UE (NXT)	SEE NOTE 10
-IYYLF	TELCORDIA CO IEC CLASS I	SEE NOTE 10
-2YYLF	TELECOM CLASS	SEE NOTE 10
-5YYLF	TELCORDIA UE	SEE NOTE 10

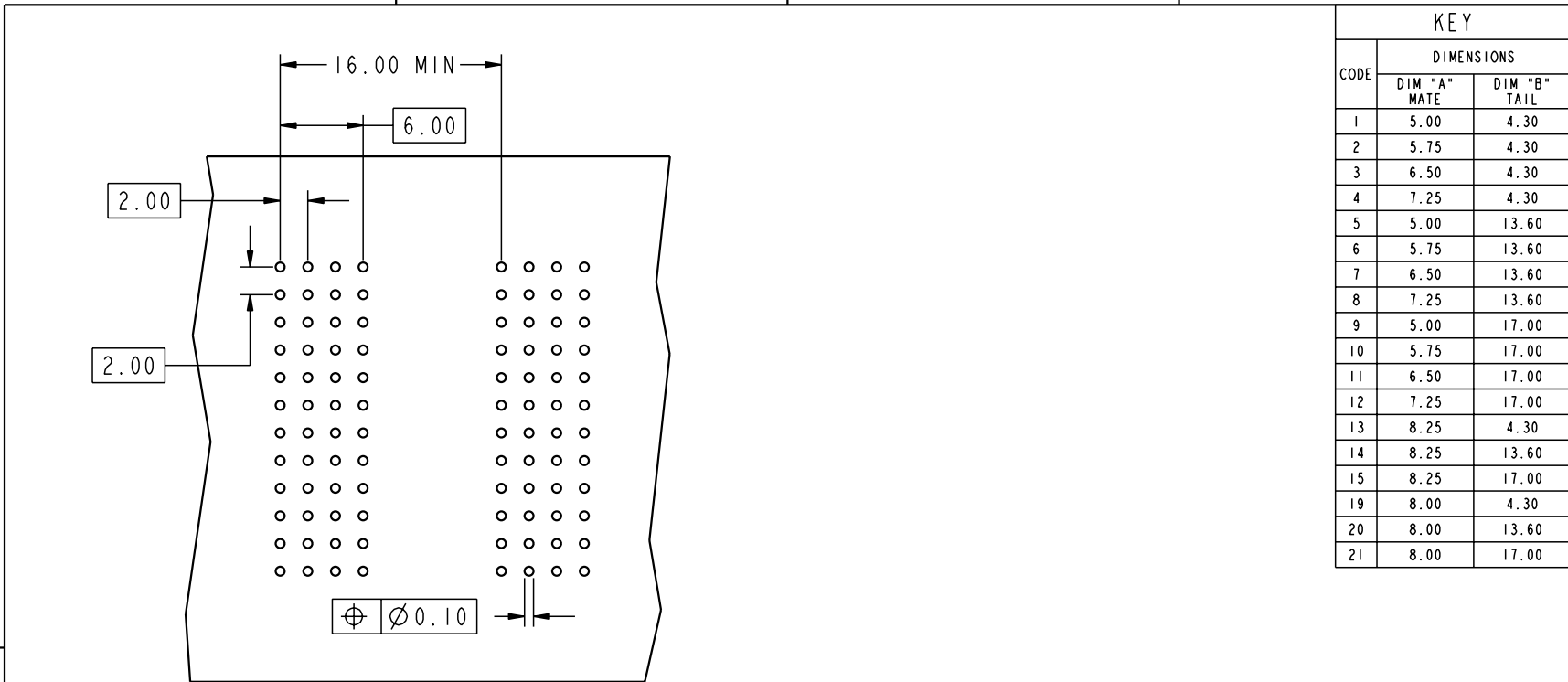
mat'l code				--				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com				
ltr	ecn no.	dr	date	linear	0.X ± 0.3				COPY				title METRAL SIGNAL HEADER 4 MOD, 4 ROW PRESS-FIT							
X	V03-0022	TAB	01/17/03		0.XX ± 0.13				projection											
Y	V03-0892	TAB	08/15/03		.xxx ± .051															
AA	V03-1154	TAB	10/22/03	angles	0° ± 2°				 MM				product family METRAL				code 213			
AB	V03-1319	DAI	12/16/03		dr	T.BRUNGARD	11/19/99	scale				size 70234				sheet 1 of 12				
AC	V04-0554	TAB	06/07/04	engr	M.STRAWSER	11/19/99	2:1 A				cage code 22526									
AD	V05-0079	HTB	02/03/05	chr	M.STRAWSER	11/19/99														
AE	V05-0359	DAI	04/21/05	appd	M.STRAWSER	02/29/00														
sheet index		revision sheet		AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	
				1	2	3	4	5	6	7	8	9	10	11	12					

Pro/E 3 cage code 22526 4

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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
9	5.00	17.00
10	5.75	17.00
11	6.50	17.00
12	7.25	17.00
13	8.25	4.30
14	8.25	13.60
15	8.25	17.00
19	8.00	4.30
20	8.00	13.60
21	8.00	17.00

REQUIRED PC BOARD LAYOUT
COMPONENT SIDE

SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

mat'l code				--		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY		title METRAL SIGNAL HEADER 4 MOD, 4 ROW PRESS-FIT		
AE					0.XX ±0.13		projection				
					.XXX ±.051						
				angles	0° ±2°				product family METRAL code		
		dr	T.BRUNGARD	11/19/99			scale		size		213
		engr	M.STRAWSER	11/19/99			1:1		dwg no		sheet
		chr	M.STRAWSER	11/19/99					A		2
		appd	M.STRAWSER	02/29/00					70234		
sheet index		revision sheet									

Pro/E 3 coge code 22526 4

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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
70234-X10 SEE NOTE 11 LEAD FREE OPTION	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	C	2	2	2	2	2	2	2	2	2	2	2	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	2	2	2	2	2	2	2	2	2	2	2
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
70234-X11 SEE NOTE 11 LEAD FREE OPTION	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
70234-X12 SEE NOTE 11 LEAD FREE OPTION	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
70234-X13 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	C	2	2	2	2	2	2	2	2	2	2	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	2	2	2	2	2	2	2	2	2	2	
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
70234-X14 SEE NOTE 11 LEAD FREE OPTION	D	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	C	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	B	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	A	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	

B

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4						
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
70234-X15 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3	3	3	3	3	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	3	3	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
70234-X16 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	2	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	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
70234-X17 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	C	2	2	2	2	2	2	2	2	2	2	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	2	2	2	2	2	2	2	2	2	2
	A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
70234-X18 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
70234-X19 SEE NOTE 11 LEAD FREE OPTION	D	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	C	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	A	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

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mat'l code				--		tolerances unless otherwise specified				CUSTOMER		A FCI www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3		projection		COPY		title		
AE					0.XX ±0.13						METRAL SIGNAL HEADER 4 MOD. 4 ROW PRESS-FIT		
					angles	.XXX ±.051		MM		product family		METRAL code	
				0° ±2°		←→		size		213			
				dr	T.BRUNGARD	11/19/99	scale		dwg no		sheet		
				enr	M.STRAWSER	11/19/99	1:1		A		70234		
				chr	M.STRAWSER	11/19/99					3		
				appd	M.STRAWSER	02/29/00							
sheet index	revision sheet												

1 | 2

Pro/E

3 |

cage code 22526

4

PDM: Rev:AE

STATUS: Released

Printed: May 19, 2005


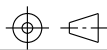

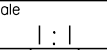

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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
70234-X20 SEE NOTE 11 LEAD FREE OPTION	D	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	C	6	6	6	6	6	6	6	6	6	6	6	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	6	6	6	6	6	6	6	6	6	6	6
	A	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
70234-X21 SEE NOTE 11 LEAD FREE OPTION	D	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
	C	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
	B	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
	A	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
70234-X22 SEE NOTE 11 LEAD FREE OPTION	D	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
	C	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
	B	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
	A	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
70234-X23 SEE NOTE 11 LEAD FREE OPTION	D	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	C	6	6	6	6	6	6	6	6	6	6	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	6	6	6	6	6	6	6	6	6	6	
	A	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
70234-X24 SEE NOTE 11 LEAD FREE OPTION	D	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	C	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	B	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	A	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4						
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
70234-X25 SEE NOTE 11 LEAD FREE OPTION	D	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	C	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	B	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	A	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
70234-X26 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6	6	6	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	6	6	6	6	6	6	6	6	6	6
	A	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
70234-X27 SEE NOTE 11 LEAD FREE OPTION	D	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	C	6	6	6	6	6	6	6	6	6	6	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	6	6	6	6	6	6	6	6	6	6
	A	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
70234-X28 SEE NOTE 11 LEAD FREE OPTION	D	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	C	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	B	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	A	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
70234-X29 SEE NOTE 11 LEAD FREE OPTION	D	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	C	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	B	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	A	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY			
AE				angles	0.XX ±0.13	projection		title	
					.XXX ±.051			METRAL SIGNAL HEADER 4 MOD. 4 ROW PRESS-FIT	
				dr	0° ±2°			product family	
				enr	T.BRUNGARD 11/19/99	MM		METRAL	
				chr	M.STRAWSER 11/19/99			code	
				appd	M.STRAWSER 02/29/00			size	
sheet	revision					scale		dwg no	
index	sheet					1:1		70234	
								213	
								sheet	
								4	

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Pro/E

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cage code 22526

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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
70234-X30 SEE NOTE 11 LEAD FREE OPTION	D	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	C	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	A	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
70234-X31 SEE NOTE 11 LEAD FREE OPTION	D	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
	C	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
	B	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
	A	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
70234-X32 SEE NOTE 11 LEAD FREE OPTION	D	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
	C	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
	B	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
	A	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
70234-X33 SEE NOTE 11 LEAD FREE OPTION	D	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
	C	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	B	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	A	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
70234-X34 SEE NOTE 11 LEAD FREE OPTION	D	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
	C	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
	B	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
	A	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4						
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
70234-X35 SEE NOTE 11 LEAD FREE OPTION	D	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	C	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	B	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	A	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
70234-X36 SEE NOTE 11 LEAD FREE OPTION	D	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	C	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	A	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
70234-X37 SEE NOTE 11 LEAD FREE OPTION	D	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	C	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	A	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
70234-X38 SEE NOTE 11 LEAD FREE OPTION	D	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	C	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	B	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	A	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
70234-X39 SEE NOTE 11 LEAD FREE OPTION	D	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	C	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	B	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	A	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12

mat'l code				--		tolerances unless otherwise specified				CUSTOMER		A FCI www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3		projection		COPY		title		
AE					0.XX ±0.13						METRAL SIGNAL HEADER 4 MOD. 4 ROW PRESS-FIT		
					angles	.XXX ±.051		MM		product family		code	
				0° ±2°		← MM →		METRAL		213			
				dr	T.BRUNGARD	11/19/99	scale		size		sheet		
				engr	M.STRAWSER	11/19/99	1:1		dwg no		5		
				chr	M.STRAWSER	11/19/99			A		70234		
				appd	M.STRAWSER	02/29/00							
sheet index	revision sheet												

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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70234-X40 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	2	2	2	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	2	2	2	2	2	2	2	2	2	2	2	2
	B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
70234-X41 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	2	2	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	2	2	2	2	2	2	2	2	2	2	2	
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	A	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
70234-X42 SEE NOTE 11 LEAD FREE OPTION	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
70234-X43 SEE NOTE 11 LEAD FREE OPTION	D	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	
	C	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	B	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
70234-X44 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	C	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
70234-X45 SEE NOTE 11 LEAD FREE OPTION	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	A	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
70234-X46 SEE NOTE 11 LEAD FREE OPTION	D	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
	C	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
70234-X47 SEE NOTE 11 LEAD FREE OPTION	D	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	C	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	B	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
	A	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
70234-X48 SEE NOTE 11 LEAD FREE OPTION	D	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
	C	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
	B	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
	A	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
70234-X49 SEE NOTE 11 LEAD FREE OPTION	D	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	C	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

mat'l code				--		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3		COPY		projection	title	
AE					0.XX ±0.13					METRAL SIGNAL HEADER 4 MOD. 4 ROW PRESS-FIT	
					.XXX ±.051					product family	
				angles	0° ±2°		MM		METRAL		code
							scale		size		213
				dr	T.BRUNGARD	11/19/99			dwg no		sheet
				enrg	M.STRAWSER	11/19/99			70234		6
				chr	M.STRAWSER	11/19/99					
				appd	M.STRAWSER	02/29/00					
sheet index	revision sheet										

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Pro/E

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cage code 22526

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PDM: Rev:AE

STATUS: Released

Printed: May 19, 2005

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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
70234-X50 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	B	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	A	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
70234-X51 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6	6	6	6	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	6	6	6	6	6	6	6	6	6	6	6
	A	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
70234-X52 SEE NOTE 11 LEAD FREE OPTION	D	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	C	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	B	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	A	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
70234-X53 SEE NOTE 11 LEAD FREE OPTION	D	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
	C	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	B	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	A	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
70234-X54 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	C	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	B	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	A	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
70234-X55 SEE NOTE 11 LEAD FREE OPTION	D	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	C	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	B	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	A	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
70234-X56 SEE NOTE 11 LEAD FREE OPTION	D	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
	C	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	B	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	A	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
70234-X57 SEE NOTE 11 LEAD FREE OPTION	D	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	C	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	B	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
	A	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
70234-X58 SEE NOTE 11 LEAD FREE OPTION	D	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
	C	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
	B	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
	A	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
70234-X59 SEE NOTE 11 LEAD FREE OPTION	D	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	C	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	B	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	A	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	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			COPY							
AE					0.XX ±0.13			projection							
					angles	.xxx ±.051			 MM						
				0° ±2°											
				dr	T.BRUNGARD	11/19/99	 1:1				product family		METRAL	code	
				enrg	M.STRAWSER	11/19/99					size	dwg no	213	sheet	
				chr	M.STRAWSER	11/19/99					70234		7		
				appd	M.STRAWSER	02/29/00					A				
sheet index	revision sheet														

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METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70234-X60 SEE NOTE 11 LEAD FREE OPTION	D	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	C	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	B	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	A	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
70234-X61 SEE NOTE 11 LEAD FREE OPTION	D	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	C	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	A	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
70234-X62 SEE NOTE 11 LEAD FREE OPTION	D	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	C	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	B	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	A	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
70234-X63 SEE NOTE 11 LEAD FREE OPTION	D	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	C	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	B	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	A	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
70234-X64 SEE NOTE 11 LEAD FREE OPTION	D	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	C	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	B	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	A	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70234-X65 SEE NOTE 11 LEAD FREE OPTION	D	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	C	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	B	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	A	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
70234-X66 SEE NOTE 11 LEAD FREE OPTION	D	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
	C	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	B	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	A	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
70234-X67 SEE NOTE 11 LEAD FREE OPTION	D	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	C	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	B	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	A	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
70234-X68 SEE NOTE 11 LEAD FREE OPTION	D	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
	C	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
	B	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
	A	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
70234-X69 SEE NOTE 11 LEAD FREE OPTION	D	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	C	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	B	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	A	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11

mat'l code				--		tolerances unless otherwise specified				CUSTOMER		A FCI www.fciconnect.com		
ltr	ecn no.	dr	date	linear	0.X ±0.3		projection		COPY		title			
AE					0.XX ±0.13						METRAL SIGNAL HEADER 4 MOD. 4 ROW PRESS-FIT			
					angles	.XXX ±.051		MM		product family		code		
				0° ±2°		← MM →		METRAL		213				
				dr	T.BRUNGARD	11/19/99		scale		size		sheet		
				engr	M.STRAWSER	11/19/99		1:1		dwg no		8		
				chr	M.STRAWSER	11/19/99				A		70234		
				appd	M.STRAWSER	02/29/00								
sheet index	revision sheet													

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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
70234-X70 SEE NOTE 11 LEAD FREE OPTION	D	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	C	2	2	2	2	2	2	2	2	2	2	2	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	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
70234-X71 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3	3	3	3	3	3	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	3	3	3	3	3	3	3	3	3	3	3
	B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
70234-X72 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	C	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	A	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
70234-X73 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	C	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
70234-X74 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	C	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
70234-X75 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	2	2	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	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
70234-X76 SEE NOTE 11 LEAD FREE OPTION	D	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	A	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
70234-X77 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	C	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	B	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
70234-X78 SEE NOTE 11 LEAD FREE OPTION	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	B	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
70234-X79 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	C	2	2	2	2	2	2	2	2	2	2	2	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	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

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mat'l code		--		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	projection	COPY		title
AE					0.XX ±0.13				
				angles	.xxx ±.051	 MM	product family		code
				dr	0° ±2°		METRAL		
				enrg	T.BRUNGARD 11/19/99	scale	size	dwg no	sheet
				chr	M.STRAWSER 11/19/99		1:1	A	
				appd	M.STRAWSER 02/29/00				
sheet index	revision sheet								

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cage code 22526

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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
70234-X80 SEE NOTE 11 LEAD FREE OPTION	D	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	C	6	6	6	6	6	6	6	6	6	6	6	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	6	6	6	6	6	6	6	6	6	6	6
	A	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
70234-X81 SEE NOTE 11 LEAD FREE OPTION	D	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	C	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	B	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
	A	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
70234-X82 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	C	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	B	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	A	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
70234-X83 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	C	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	B	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	A	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
70234-X84 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	C	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	B	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	A	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4						
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
70234-X85 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6	6	6	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	6	6	6	6	6	6	6	6	6	6
	A	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
70234-X86 SEE NOTE 11 LEAD FREE OPTION	D	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
	C	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	B	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	A	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
70234-X87 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	C	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	B	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
	A	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
70234-X88 SEE NOTE 11 LEAD FREE OPTION	D	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	C	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	B	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	A	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
70234-X89 SEE NOTE 11 LEAD FREE OPTION	D	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	C	6	6	6	6	6	6	6	6	6	6	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	6	6	6	6	6	6	6	6	6	6
	A	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6

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mat'l code		--		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com					
ltr	ecn no.	dr	date	linear	0.X ±0.3	projection	COPY	title	METRAL SIGNAL HEADER 4 MOD. 4 ROW PRESS-FIT				
AE					0.XX ±0.13								
					.XXX ±.051								
				angles	0° ±2°	MM	scale	product family	METRAL				
				dr	T.BRUNGARD					11/19/99	size	dwg no	code
				engr	M.STRAWSER					11/19/99			
				chr	M.STRAWSER	11/19/99	10						
				appd	M.STRAWSER	02/29/00							
sheet index	revision sheet												

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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70234-X90 SEE NOTE 11 LEAD FREE OPTION	D	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	C	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	A	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
70234-X91 SEE NOTE 11 LEAD FREE OPTION	D	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	C	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	B	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	A	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
70234-X92 SEE NOTE 11 LEAD FREE OPTION	D	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	C	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	B	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	A	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
70234-X93 SEE NOTE 11 LEAD FREE OPTION	D	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	C	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	B	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	A	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
70234-X94 SEE NOTE 11 LEAD FREE OPTION	D	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	C	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	B	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	A	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70234-X95 SEE NOTE 11 LEAD FREE OPTION	D	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	C	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	A	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
70234-X96 SEE NOTE 11 LEAD FREE OPTION	D	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
	C	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	B	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	A	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
70234-X97 SEE NOTE 11 LEAD FREE OPTION	D	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	C	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	B	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
	A	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
70234-X98 SEE NOTE 11 LEAD FREE OPTION	D	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	C	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	B	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	A	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
70234-X99 SEE NOTE 11 LEAD FREE OPTION	D	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	C	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	A	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

mat'l code				--		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3		projection		title		
AE					0.XX ±0.13				METRAL SIGNAL HEADER 4 MOD. 4 ROW PRESS-FIT		
					angles	.XXX ±.051				product family	
				0° ±2°		MM		METRAL		code	
				dr	T.BRUNGARD	11/19/99	scale		size		213
				engr	M.STRAWSER	11/19/99	1:1		dwg no		sheet
				chr	M.STRAWSER	11/19/99			A		11
				appd	M.STRAWSER	02/29/00			70234		
sheet index	revision sheet								cage code		
									22526		

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Pro/E

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cage code

22526

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A
FCI

PRODUCT NUMBER
70234-XYX
70234-XYXLF

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:
70234 -XYX IS SnPb
70234-XYXLF IS SN (LEAD FREE)
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE.
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-XXXP OR XXXXX-XXXPLF
7. PRODUCT SPECIFICATION GS-12-180
APPLICATION SPECIFICATION BUS-20-073
8. AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
9. -A PLATING HAS Au FLASH IN PRESS FIT AREA (LEAD FREE).
10. THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
11. FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX. EXAMPLE: 70234-X01LF
12. ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING (DRAWING NO.)-N1--- OR (DRAWING NO.)-N5---WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. PART NUMBERS (DRAWING NO.)-N1--- AND (DRAWINGS NO.)-N5---WILL NOT WITHSTAND REFLOW AND Au CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMIM 140°C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0. X ±0.3	COPY		title	
AE					0. XX ±0.13	projection		METRAL SIGNAL HEADER	
				angles	.XXX ±.051			4 MOD, 4 ROW PRESS-FIT	
					0° ±2°	MM		product family	
				dr	T.BRUNGARD 11/19/99	← MM →		METRAL	
				enrg	M.STRAWSER 11/19/99	scale		code	
				chr	M.STRAWSER 11/19/99	1:1		size	
				appd	M.STRAWSER 02/29/00			dwg no	
sheet index		revision sheet						70234	
								213	
								sheet	
								12	

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Pro/E

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cage code 22526

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PDM: Rev:AE

STATUS: Released

Printed: May 19, 2005