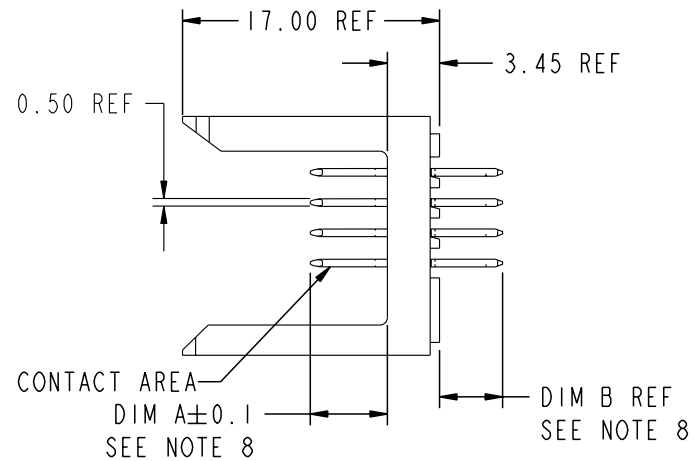
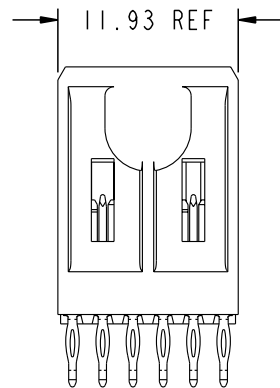
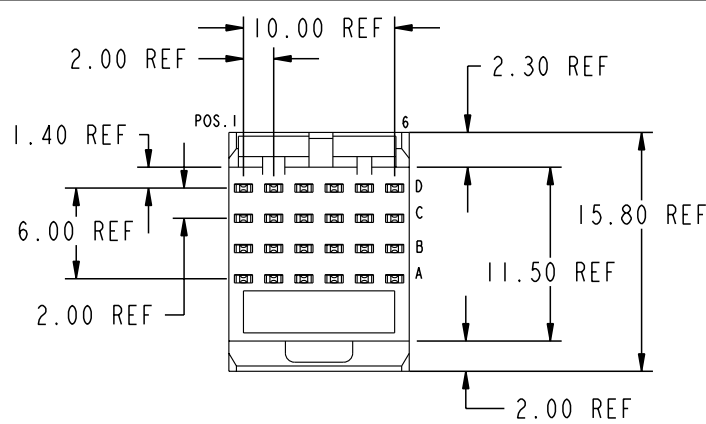


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PRODUCT NUMBER
70232-XYX
70232-XYXLF



PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-AYX	TELCORDIA CO	SEE NOTE 9
-NIXX	TELCORDIA CO (NXT)	-
-N5XX	TELCORDIA UE (NXT)	-
-IXX	TELCORDIA CO	-
-2XX	TELECOM CLASS	-
-3XX	IEC CLASS I	-
-5XX	TELCORDIA UE	-
-9XX	TELCORDIA CO	-
-AYXLF	TELCORDIA CO	SEE NOTE 10
-NIXXLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 10
-N5XXLF	TELCORDIA UE (NXT)	SEE NOTE 10
-IXXLF	TELCORDIA CO IEC CLASS I	SEE NOTE 10
-2XXLF	TELECOM CLASS	SEE NOTE 10
-5XXLF	TELCORDIA UE	SEE NOTE 10

mat'l code				tolerances unless otherwise specified				CUSTOMER		A FCI www.fciconnect.com			
ltr	ecn no.	dr	date		linear	0.X ±0.3	0.XX ±0.13	projection		title	product family	code	
AD	V11701	CGD	06/20/01							METRAL SIGNAL HEADER	METRAL	213	
AE	V03-0022	TAB	01/17/03							1 MOD, 4 ROW PRESS-FIT			
AF	V03-1319	DAI	12/16/03		angles	0° ±2°							
AG	V04-0554	TAB	06/07/04	dr	T.BRUNGARD	11/19/99							
AH	V05-0079	HTB	02/03/05	enr	M.STRAWSE	11/19/99							
AJ	V05-0359	DAI	04/21/05	chr	M.STRAWSE	11/19/99							
AK	V05-1030	LP	11/18/05	appd	M.STRAWSE	02/29/00							
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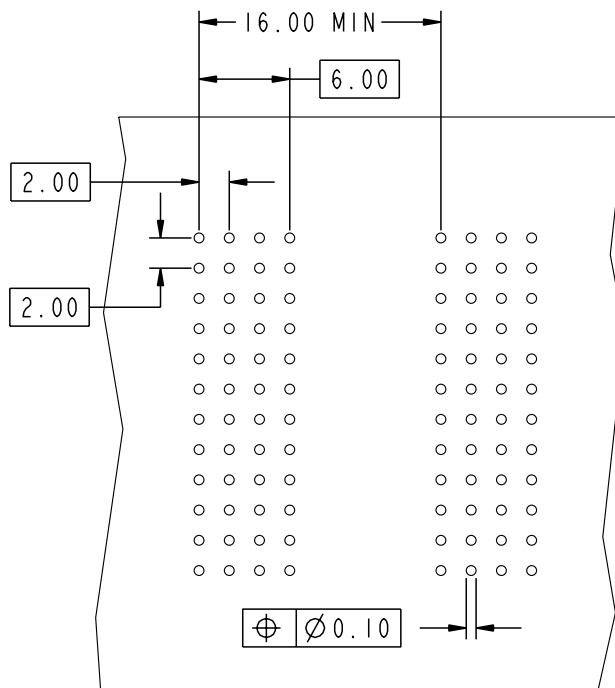
Pro/E

cage code 22526

PDM: Rev:AK

STATUS:Released

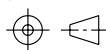
Printed: Feb 04, 2006



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
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

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com			
lfr	ecn no.	dr	date	linear	0.X ±0.3	COPY		title	METRAL SIGNAL HEADER 1 MOD, 4 ROW PRESS-FIT		
AK					0.XX ±0.13	projection					
					.XXX ±.051						
				angles	0° ±2°			product family	METRAL	code	
				dr	T.BRUNGARD	11/19/99	MM				
				enrg	M.STRAWSER	11/19/99					scale
				chr	M.STRAWSER	11/19/99					
				appd	M.STRAWSER	02/29/00					
sheet index	revision sheet						1:1	size	dwg no	213	
								A	70232	sheet 2	
								</			

Pro/E

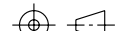
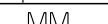
cage code 22526

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1 2		3		4	
METRAL P/N	CONTACT CODE MOD. I	METRAL P/N	CONTACT CODE MOD. I	METRAL P/N	CONTACT CODE MOD. I
70232-X10	ROW 1 2 3 4 5 6	70232-X14	ROW 1 2 3 4 5 6	70232-X18	ROW 1 2 3 4 5 6
SEE NOTE 11 LEAD FREE OPTION	D 1 1 1 1 1 1 C 2 2 2 2 2 2 B 2 2 2 2 2 2 A 3 3 3 3 3 3	SEE NOTE 11 LEAD FREE OPTION	D 4 4 4 4 4 4 C 3 3 3 3 3 3 B 3 3 3 3 3 3 A 4 4 4 4 4 4	SEE NOTE 11 LEAD FREE OPTION	D 3 3 3 3 3 3 C 1 1 1 1 1 1 B 1 1 1 1 1 1 A 1 1 1 1 1 1
70232-X11	ROW 1 2 3 4 5 6	70232-X15	ROW 1 2 3 4 5 6	70232-X19	ROW 1 2 3 4 5 6
SEE NOTE 11 LEAD FREE OPTION	D 1 1 1 1 1 1 C 1 1 1 1 1 1 B 1 1 1 1 1 1 A 1 1 1 1 1 1	SEE NOTE 11 LEAD FREE OPTION	D 3 3 3 3 3 3 C 3 3 3 3 3 3 B 3 3 3 3 3 3 A 3 3 3 3 3 3	SEE NOTE 11 LEAD FREE OPTION	D 4 4 4 4 4 4 C 4 4 4 4 4 4 B 4 4 4 4 4 4 A 4 4 4 4 4 4
70232-X12	ROW 1 2 3 4 5 6	70232-X16	ROW 1 2 3 4 5 6	70232-X20	ROW 1 2 3 4 5 6
SEE NOTE 11 LEAD FREE OPTION	D 1 1 1 1 1 1 C 1 1 1 1 1 1 B 1 1 1 1 1 1 A 3 3 3 3 3 3	SEE NOTE 11 LEAD FREE OPTION	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	SEE NOTE 11 LEAD FREE OPTION	D 5 5 5 5 5 5 C 6 6 6 6 6 6 B 6 6 6 6 6 6 A 7 7 7 7 7 7
70232-X13	ROW 1 2 3 4 5 6	70232-X17	ROW 1 2 3 4 5 6	70232-X21	ROW 1 2 3 4 5 6
SEE NOTE 11 LEAD FREE OPTION	D 3 3 3 3 3 3 C 2 2 2 2 2 2 B 2 2 2 2 2 2 A 3 3 3 3 3 3	SEE NOTE 11 LEAD FREE OPTION	D 3 3 3 3 3 3 C 2 2 2 2 2 2 B 2 2 2 2 2 2 A 1 1 1 1 1 1	SEE NOTE 11 LEAD FREE OPTION	D 5 5 5 5 5 5 C 5 5 5 5 5 5 B 5 5 5 5 5 5 A 5 5 5 5 5 5
70232-X22	ROW 1 2 3 4 5 6	70232-X23	ROW 1 2 3 4 5 6	70232-X24	ROW 1 2 3 4 5 6
SEE NOTE 11 LEAD FREE OPTION	D 5 5 5 5 5 5 C 5 5 5 5 5 5 B 5 5 5 5 5 5 A 7 7 7 7 7 7	SEE NOTE 11 LEAD FREE OPTION	D 7 7 7 7 7 7 C 6 6 6 6 6 6 B 6 6 6 6 6 6 A 7 7 7 7 7 7	SEE NOTE 11 LEAD FREE OPTION	D 8 8 8 8 8 8 C 7 7 7 7 7 7 B 7 7 7 7 7 7 A 8 8 8 8 8 8
70232-X26	ROW 1 2 3 4 5 6	70232-X27	ROW 1 2 3 4 5 6	70232-X28	ROW 1 2 3 4 5 6
SEE NOTE 11 LEAD FREE OPTION	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	SEE NOTE 11 LEAD FREE OPTION	D 7 7 7 7 7 7 C 6 6 6 6 6 6 B 6 6 6 6 6 6 A 5 5 5 5 5 5	SEE NOTE 11 LEAD FREE OPTION	D 7 7 7 7 7 7 C 5 5 5 5 5 5 B 5 5 5 5 5 5 A 5 5 5 5 5 5
70232-X29	ROW 1 2 3 4 5 6	70232-X25	ROW 1 2 3 4 5 6	70232-X26	ROW 1 2 3 4 5 6
SEE NOTE 11 LEAD FREE OPTION	D 8 8 8 8 8 8 C 8 8 8 8 8 8 B 8 8 8 8 8 8 A 8 8 8 8 8 8	SEE NOTE 11 LEAD FREE OPTION	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	SEE NOTE 11 LEAD FREE OPTION	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		 www.fciconnect.com	
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AK					0.XX ±0.13		projection			METRAL SIGNAL HEADER	
					.XXX ±.051					1 MOD, 4 ROW PRESS-FIT	
				angles	0° ±2°						
		dr			T.BRUNGARD	11/19/99		product family		code	
		enrg			M.STRAWSER	11/19/99		size		213	
		chr			M.STRAWSER	11/19/99		dwg no		sheet	
		appd			M.STRAWSER	02/29/00		A		70232	
sheet index		revision sheet					scale	1:1			

Pro/E

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cage code 22526

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PDM: Rev:AK

STATUS:Released

Printed: Feb 04, 2006

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		1		2				3		4	
METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I	
ROW		1		ROW		1		ROW		1	
70232-X30		D 9 9 9 9 9 9		70232-X34		D 12 12 12 12 12		70232-X38		D 11 11 11 11 11	
SEE NOTE 11 LEAD FREE OPTION		C 10 10 10 10 10		SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11		SEE NOTE 11 LEAD FREE OPTION		C 9 9 9 9 9 9	
		B 10 10 10 10 10				B 11 11 11 11 11				B 9 9 9 9 9 9	
		A 11 11 11 11 11				A 12 12 12 12 12				A 9 9 9 9 9 9	
METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I	
ROW		1		ROW		1		ROW		1	
70232-X31		D 9 9 9 9 9 9		70232-X35		D 11 11 11 11 11		70232-X39		D 12 12 12 12 12	
SEE NOTE 11 LEAD FREE OPTION		C 9 9 9 9 9 9		SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11		SEE NOTE 11 LEAD FREE OPTION		C 12 12 12 12 12	
		B 9 9 9 9 9 9				B 11 11 11 11 11				B 12 12 12 12 12	
		A 9 9 9 9 9 9				A 11 11 11 11 11				A 12 12 12 12 12	
METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I	
ROW		1		ROW		1		ROW		1	
70232-X32		D 9 9 9 9 9 9		70232-X36		D 10 10 10 10 10		70232-X40		D 2 2 2 2 2 2	
SEE NOTE 11 LEAD FREE OPTION		C 9 9 9 9 9 9		SEE NOTE 11 LEAD FREE OPTION		C 10 10 10 10 10		SEE NOTE 11 LEAD FREE OPTION		C 2 2 2 2 2 2	
		B 9 9 9 9 9 9				B 10 10 10 10 10				B 4 4 4 4 4 4	
		A 11 11 11 11 11				A 10 10 10 10 10				A 2 2 2 2 2 2	
METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I	
ROW		1		ROW		1		ROW		1	
70232-X33		D 11 11 11 11 11		70232-X37		D 11 11 11 11 11		70232-X41		D 2 2 2 2 2 2	
SEE NOTE 11 LEAD FREE OPTION		C 10 10 10 10 10		SEE NOTE 11 LEAD FREE OPTION		C 10 10 10 10 10		SEE NOTE 11 LEAD FREE OPTION		C 2 2 2 2 2 2	
		B 10 10 10 10 10				B 10 10 10 10 10				B 2 2 2 2 2 2	
		A 11 11 11 11 11				A 9 9 9 9 9 9				A 4 4 4 4 4 4	
METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I	
ROW		1		ROW		1		ROW		1	
70232-X38		D 11 11 11 11 11		70232-X42		D 11 11 11 11 11		70232-X46		D 19 19 19 19 19	
SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11		SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11		SEE NOTE 11 LEAD FREE OPTION		C 3 3 3 3 3 3	
		B 11 11 11 11 11				B 11 11 11 11 11				B 3 3 3 3 3 3	
		A 22 22 22 22				A 33 33 33 33				A 33 33 33 33	
METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I	
ROW		1		ROW		1		ROW		1	
70232-X43		D 13 13 13 13 13		70232-X47		D 44 44 44 44		70232-X49		D 44 44 44 44	
SEE NOTE 11 LEAD FREE OPTION		C 33 33 33 33		SEE NOTE 11 LEAD FREE OPTION		C 44 44 44 44		SEE NOTE 11 LEAD FREE OPTION		C 33 33 33 33	
		B 33 33 33 33				B 13 13 13 13				B 33 33 33 33	
		A 33 33 33 33				A 13 13 13 13				A 33 33 33 33	
METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I	
ROW		1		ROW		1		ROW		1	
70232-X44		D 22 22 22 22		70232-X48		D 19 19 19 19 19		70232-X49		D 44 44 44 44	
SEE NOTE 11 LEAD FREE OPTION		C 33 33 33 33		SEE NOTE 11 LEAD FREE OPTION		C 19 19 19 19 19		SEE NOTE 11 LEAD FREE OPTION		C 33 33 33 33	
		B 44 44 44 44				B 19 19 19 19 19				B 33 33 33 33	
		A 33 33 33 33				A 19 19 19 19 19				A 33 33 33 33	
METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I	
ROW		1		ROW		1		ROW		1	
70232-X45		D 11 11 11 11 11		70232-X49		D 44 44 44 44		70232-X49		D 44 44 44 44	
SEE NOTE 11 LEAD FREE OPTION		C 22 22 22 22		SEE NOTE 11 LEAD FREE OPTION		C 33 33 33 33		SEE NOTE 11 LEAD FREE OPTION		C 33 33 33 33	
		B 33 33 33 33				B 33 33 33 33				B 33 33 33 33	
		A 44 44 44 44				A 33 33 33 33				A 33 33 33 33	
METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I	
ROW		1		ROW		1		ROW		1	
70232-X46		D 19 19 19 19 19		70232-X50		D 10 10 10 10 10		70232-X54		D 11 11 11 11 11	
SEE NOTE 11 LEAD FREE OPTION		C 19 19 19 19 19		SEE NOTE 11 LEAD FREE OPTION		C 10 10 10 10 10		SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11	
		B 19 19 19 19 19				B 10 10 10 10 10				B 12 12 12 12 12	
		A 19 19 19 19 19				A 11 11 11 11 11				A 12 12 12 12 12	
METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I	
ROW		1		ROW		1		ROW		1	
70232-X47		D 44 44 44 44		70232-X51		D 11 11 11 11 11		70232-X55		D 11 11 11 11 11	
SEE NOTE 11 LEAD FREE OPTION		C 44 44 44 44		SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11		SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11	
		B 44 44 44 44				B 11 11 11 11 11				B 11 11 11 11 11	
		A 13 13 13 13				A 9 9 9 9 9 9				A 12 12 12 12 12	
METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I	
ROW		1		ROW		1		ROW		1	
70232-X48		D 19 19 19 19 19		70232-X52		D 11 11 11 11 11		70232-X56		D 11 11 11 11 11	
SEE NOTE 11 LEAD FREE OPTION		C 19 19 19 19 19		SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11		SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11	
		B 19 19 19 19 19				B 11 11 11 11 11				B 11 11 11 11 11	
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METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I	
ROW		1		ROW		1		ROW		1	
70232-X49		D 44 44 44 44		70232-X53		D 11 11 11 11 11		70232-X57		D 11 11 11 11 11	
SEE NOTE 11 LEAD FREE OPTION		C 33 33 33 33		SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11		SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11	
		B 33 33 33 33				B 11 11 11 11 11				B 11 11 11 11 11	
		A 33 33 33 33				A 9 9 9 9 9 9				A 12 12 12 12 12	
METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I	
ROW		1		ROW		1		ROW		1	
70232-X50		D 10 10 10 10 10		70232-X54		D 11 11 11 11 11		70232-X58		D 11 11 11 11 11	
SEE NOTE 11 LEAD FREE OPTION		C 10 10 10 10 10		SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11		SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11	
		B 10 10 10 10 10				B 11 11 11 11 11				B 11 11 11 11 11	
		A 11 11 11 11 11				A 9 9 9 9 9 9				A 12 12 12 12 12	
METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I	
ROW		1		ROW		1		ROW		1	
70232-X51		D 11 11 11 11 11		70232-X55		D 11 11 11 11 11		70232-X59		D 11 11 11 11 11	
SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11		SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11		SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11	
		B 11 11 11 11 11				B 11 11 11 11 11				B 11 11 11 11 11	
		A 11 11 11 11 11				A 9 9 9 9 9 9				A 12 12 12 12 12	
METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I	
ROW		1		ROW		1		ROW		1	
70232-X52		D 11 11 11 11 11		70232-X56		D 11 11 11 11 11		70232-X60		D 11 11 11 11 11	
SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11		SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11		SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11	
		B 11 11 11 11 11				B 11 11 11 11 11				B 11 11 11 11 11	
		A 11 11 11 11 11				A 9 9 9 9 9 9				A 12 12 12 12 12	
METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I	
ROW		1		ROW		1		ROW		1	
70232-X53		D 11 11 11 11 11		70232-X57		D 11 11 11 11 11		70232-X61		D 11 11 11 11 11	
SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11		SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11		SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11	
		B 11 11 11 11 11				B 11 11 11 11 11				B 11 11 11 11 11	
		A 11 11 11 11 11				A 9 9 9 9 9 9				A 12 12 12 12 12	
METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I	
ROW		1		ROW		1		ROW		1	
70232-X54		D 11 11 11 11 11		70232-X58		D 11 11 11 11 11		70232-X62		D 11 11 11 11 11	
SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11		SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11		SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11	
		B 11 11 11 11 11				B 11 11 11 11 11				B 11 11 11 11 11	
		A 11 11 11 11 11				A 9 9 9 9 9 9				A 12 12 12 12 12	
METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I	
ROW		1		ROW		1		ROW		1	
70232-X55		D 11 11 11 11 11		70232-X59		D 11 11 11 11 11		70232-X63		D 11 11 11 11 11	
SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11		SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11		SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11	
		B 11 11 11 11 11				B 11 11 11 11 11				B 11 11 11 11 11	
		A 11 11 11 11 11				A 9 9 9 9 9 9				A 12 12 12 12 12	
METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I	
ROW		1		ROW		1		ROW		1	
70232-X56		D 11 11 11 11 11		70232-X60		D 11 11 11 11 11		70232-X64		D 11 11 11 11 11	
SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11		SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11		SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11	
		B 11 11 11 11 11				B 11 11 11 11 11				B 11 11 11 11 11	
		A 11 11 11 11 11				A 9 9 9 9 9 9				A 12 12 12 12 12	
METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I		METRAL P/N		CONTACT CODE MOD. I	
ROW		1		ROW		1		ROW		1	
70232-X57		D 11 11 11 11 11		70232-X61		D 11 11 11 11 11		70232-X65		D 11 11 11 11 11	
SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11		SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11		SEE NOTE 11 LEAD FREE OPTION		C 11 11 11 11 11	
		B 11 11 11 11 11				B 11 11 11 11 11				B 11 11 11 11 11	
		A 11 11 11 11 11				A 9 9 9 9 9 9				A 12 12 12 12 12	

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METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X50 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	6	6
	C	6	6	6	6	6	6
	B	8	8	8	8	8	8
	A	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X51 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	6	6
	C	6	6	6	6	6	6
	B	6	6	6	6	6	6
	A	8	8	8	8	8	8

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X52 SEE NOTE 11 LEAD FREE OPTION	D	5	5	5	5	5	5
	C	5	5	5	5	5	5
	B	5	5	5	5	5	5
	A	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X53 SEE NOTE 11 LEAD FREE OPTION	D	14	14	14	14	14	14
	C	7	7	7	7	7	7
	B	7	7	7	7	7	7
	A	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X54 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	6	6
	C	7	7	7	7	7	7
	B	8	8	8	8	8	8
	A	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X55 SEE NOTE 11 LEAD FREE OPTION	D	5	5	5	5	5	5
	C	6	6	6	6	6	6
	B	7	7	7	7	7	7
	A	8	8	8	8	8	8

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X56 SEE NOTE 11 LEAD FREE OPTION	D	20	20	20	20	20	20
	C	7	7	7	7	7	7
	B	7	7	7	7	7	7
	A	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X57 SEE NOTE 11 LEAD FREE OPTION	D	8	8	8	8	8	8
	C	8	8	8	8	8	8
	B	14	14	14	14	14	14
	A	14	14	14	14	14	14

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X58 SEE NOTE 11 LEAD FREE OPTION	D	20	20	20	20	20	20
	C	20	20	20	20	20	20
	B	20	20	20	20	20	20
	A	20	20	20	20	20	20

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X59 SEE NOTE 11 LEAD FREE OPTION	D	8	8	8	8	8	8
	C	7	7	7	7	7	7
	B	7	7	7	7	7	7
	A	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X60 SEE NOTE 11 LEAD FREE OPTION	D	10	10	10	10	10	10
	C	10	10	10	10	10	10
	B	12	12	12	12	12	12
	A	10	10	10	10	10	10

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X61 SEE NOTE 11 LEAD FREE OPTION	D	10	10	10	10	10	10
	C	10	10	10	10	10	10
	B	10	10	10	10	10	10
	A	12	12	12	12	12	12

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X62 SEE NOTE 11 LEAD FREE OPTION	D	9	9	9	9	9	9
	C	9	9	9	9	9	9
	B	9	9	9	9	9	9
	A	10	10	10	10	10	10

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X63 SEE NOTE 11 LEAD FREE OPTION	D	15	15	15	15	15	15
	C	11	11	11	11	11	11
	B	11	11	11	11	11	11
	A	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X64 SEE NOTE 11 LEAD FREE OPTION	D	10	10	10	10	10	10
	C	11	11	11	11	11	11
	B	12	12	12	12	12	12
	A	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X65 SEE NOTE 11 LEAD FREE OPTION	D	9	9	9	9	9	9
	C	10	10	10	10	10	10
	B	11	11	11	11	11	11
	A	12	12	12	12	12	12

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X66 SEE NOTE 11 LEAD FREE OPTION	D	21	21	21	21	21	21
	C	11	11	11	11	11	11
	B	11	11	11	11	11	11
	A	11	11	11	11	11	11

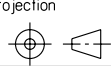
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X67 SEE NOTE 11 LEAD FREE OPTION	D	12	12	12	12	12	12
	C	12	12	12	12	12	12
	B	15	15	15	15	15	15
	A	15	15	15	15	15	15

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X68 SEE NOTE 11 LEAD FREE OPTION	D	21	21	21	21	21	21
	C	21	21	21	21	21	21
	B	21	21	21	21	21	21
	A	21	21	21	21	21	21

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X69 SEE NOTE 11 LEAD FREE OPTION	D	12	12	12	12	12	12
	C	11	11	11	11	11	11
	B	11	11	11	11	11	11
	A	11	11	11	11	11	11

A

B

mat'l code				--		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
lfr	ecn no.	dr	date	linear	0.X ±0.3		COPY			title	
AK					0.XX ±0.13		projection			METRAL SIGNAL HEADER	
					.XXX ±.051					1 MOD, 4 ROW PRESS-FIT	
					0° ±2°						
				dr	T.BRUNGARD	11/19/99		product family		METRAL	code
				enrg	M.STRAWSE	11/19/99		size		dwg no	213
				chr	M.STRAWSE	11/19/99		A		70232	sheet
				appd	M.STRAWSE	02/29/00		1:1			5
sheet index		revision sheet									

Pro/E

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cage code 22526

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PDM: Rev:AK

STATUS:Released

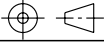
Printed: Feb 04, 2006

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		1		2				3		4							
METRAL P/N		ROW	CONTACT CODE MOD. I						METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6				1	2	3	4	5	6
70232-X70		D	4	4	4	4	4	4	70232-X74		D	2	2	2	2	2	2
SEE NOTE 11 LEAD FREE OPTION		C	2	2	2	2	2	2	SEE NOTE 11 LEAD FREE OPTION		C	3	3	3	3	3	3
		B	2	2	2	2	2	2			B	3	3	3	3	3	3
		A	2	2	2	2	2	2			A	3	3	3	3	3	3
METRAL P/N		ROW	CONTACT CODE MOD. I						METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6				1	2	3	4	5	6
70232-X71		D	3	3	3	3	3	3	70232-X75		D	2	2	2	2	2	2
SEE NOTE 11 LEAD FREE OPTION		C	3	3	3	3	3	3	SEE NOTE 11 LEAD FREE OPTION		C	2	2	2	2	2	2
		B	1	1	1	1	1	1			B	2	2	2	2	2	2
		A	3	3	3	3	3	3			A	3	3	3	3	3	3
METRAL P/N		ROW	CONTACT CODE MOD. I						METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6				1	2	3	4	5	6
70232-X72		D	2	2	2	2	2	2	70232-X76		D	19	19	19	19	19	19
SEE NOTE 11 LEAD FREE OPTION		C	4	4	4	4	4	4	SEE NOTE 11 LEAD FREE OPTION		C	1	1	1	1	1	1
		B	4	4	4	4	4	4			B	1	1	1	1	1	1
		A	19	19	19	19	19	19			A	19	19	19	19	19	19
METRAL P/N		ROW	CONTACT CODE MOD. I						METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6				1	2	3	4	5	6
70232-X73		D	2	2	2	2	2	2	70232-X77		D	2	2	2	2	2	2
SEE NOTE 11 LEAD FREE OPTION		C	3	3	3	3	3	3	SEE NOTE 11 LEAD FREE OPTION		C	3	3	3	3	3	3
		B	2	2	2	2	2	2			B	19	19	19	19	19	19
		A	3	3	3	3	3	3			A	3	3	3	3	3	3
METRAL P/N		ROW	CONTACT CODE MOD. I						METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6				1	2	3	4	5	6
70232-X78		D	1	1	1	1	1	1	70232-X81		D	7	7	7	7	7	7
SEE NOTE 11 LEAD FREE OPTION		C	1	1	1	1	1	1	SEE NOTE 11 LEAD FREE OPTION		C	7	7	7	7	7	7
		B	3	3	3	3	3	3			B	5	5	5	5	5	5
		A	1	1	1	1	1	1			A	7	7	7	7	7	7
METRAL P/N		ROW	CONTACT CODE MOD. I						METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6				1	2	3	4	5	6
70232-X82		D	6	6	6	6	6	6	70232-X85		D	6	6	6	6	6	6
SEE NOTE 11 LEAD FREE OPTION		C	8	8	8	8	8	8	SEE NOTE 11 LEAD FREE OPTION		C	6	6	6	6	6	6
		B	8	8	8	8	8	8			B	6	6	6	6	6	6
		A	20	20	20	20	20	20			A	7	7	7	7	7	7
METRAL P/N		ROW	CONTACT CODE MOD. I						METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6				1	2	3	4	5	6
70232-X86		D	20	20	20	20	20	20	70232-X89		D	7	7	7	7	7	7
SEE NOTE 11 LEAD FREE OPTION		C	5	5	5	5	5	5	SEE NOTE 11 LEAD FREE OPTION		C	6	6	6	6	6	6
		B	5	5	5	5	5	5			B	6	6	6	6	6	6
		A	20	20	20	20	20	20			A	6	6	6	6	6	6

mat'l code				--				tolerances unless otherwise specified				CUSTOMER		 www.fciconnect.com			
lfr	ecn no.	dr	date	linear	0.X ±0.3				COPY			title METRAL SIGNAL HEADER 1 MOD, 4 ROW PRESS-FIT					
AK					0.XX ±0.13				projection								
					.XXX ±.051												
				angles	0° ±2°												
				dr	T.BRUNGARD		11/19/99										
				enrg	M.STRAWSER		11/19/99										
				chr	M.STRAWSER		11/19/99										
				appd	M.STRAWSER		02/29/00										
sheet index		revision sheet									product family		METRAL		code		
											size		dwg no		213		
											scale		A		sheet		
													70232		6		

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lfr	ecn no.	dr	date	linear	0.X ±0.3	COPY		projection	title		
AK					0.XX ±0.13					METRAL SIGNAL HEADER 1 MOD, 4 ROW PRESS-FIT	
					.XXX ±.051						
				angles	0° ±2°						
				dr	T.BRUNGARD	11/19/99		product family	code		
				enrg	M.STRAWSE	11/19/99				size	sheet
				chr	M.STRAWSE	11/19/99					
				appd	M.STRAWSE	02/29/00					
sheet index		revision sheet					scale	1:1			

Pro/E

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cage code 22526

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PDM: Rev:AK

STATUS:Released

Printed: Feb 04, 2006

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METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X90 SEE NOTE 11 LEAD FREE OPTION	D	12	12	12	12	12	12
	C	10	10	10	10	10	10
	B	10	10	10	10	10	10
	A	10	10	10	10	10	10

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X91 SEE NOTE 11 LEAD FREE OPTION	D	11	11	11	11	11	11
	C	11	11	11	11	11	11
	B	9	9	9	9	9	9
	A	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X92 SEE NOTE 11 LEAD FREE OPTION	D	10	10	10	10	10	10
	C	12	12	12	12	12	12
	B	12	12	12	12	12	12
	A	21	21	21	21	21	21

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X93 SEE NOTE 11 LEAD FREE OPTION	D	10	10	10	10	10	10
	C	11	11	11	11	11	11
	B	10	10	10	10	10	10
	A	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X94 SEE NOTE 11 LEAD FREE OPTION	D	10	10	10	10	10	10
	C	11	11	11	11	11	11
	B	11	11	11	11	11	11
	A	11	11	11	11	11	11

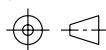
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X95 SEE NOTE 11 LEAD FREE OPTION	D	10	10	10	10	10	10
	C	10	10	10	10	10	10
	B	10	10	10	10	10	10
	A	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X96 SEE NOTE 11 LEAD FREE OPTION	D	21	21	21	21	21	21
	C	9	9	9	9	9	9
	B	9	9	9	9	9	9
	A	21	21	21	21	21	21

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X97 SEE NOTE 11 LEAD FREE OPTION	D	10	10	10	10	10	10
	C	11	11	11	11	11	11
	B	21	21	21	21	21	21
	A	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X98 SEE NOTE 11 LEAD FREE OPTION	D	9	9	9	9	9	9
	C	9	9	9	9	9	9
	B	11	11	11	11	11	11
	A	9	9	9	9	9	9

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X99 SEE NOTE 11 LEAD FREE OPTION	D	11	11	11	11	11	11
	C	10	10	10	10	10	10
	B	10	10	10	10	10	10
	A	10	10	10	10	10	10

mat'l code				--				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com			
lfr	ecn no.	dr	date	linear	0.X ±0.3				COPY					title					
AK					0.XX ±0.13									METRAL SIGNAL HEADER					
					.XXX ±.051									1 MOD, 4 ROW PRESS-FIT					
				angles	0° ±2°														
				dr	T.BRUNGARD		11/19/99						product family		METRAL		code		
				enqr	M.STRAWSER		11/19/99						size		dwg no		213		
				chr	M.STRAWSER		11/19/99		scale				A		70232		sheet		
				appd	M.STRAWSER		02/29/00		1:1								7		
sheet index		revision sheet																	

Pro/E

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cage code 22526

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PDM: Rev:AK

STATUS:Released

Printed: Feb 04, 2006

PRODUCT NUMBER
70232-XYX
70232-XYXLF

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NOTES:

- FOR DIM A AND B SEE SHEET 2 AND UP.
- BODY MATERIAL: LIQUID CRYSTAL
POLYMER 30 % GLASS.
FLAME RETARDANT ACC. UL 94-V0.
- PIN MATERIAL:
PHOSPHOR BRONZE.
- PLATING ON PRESS-FIT TAIL:
70232 -XYX IS SnPb
70232-XYXLF IS SN (LEAD FREE)
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE
LEVEL SHOWN IN TABLE.
- PRODUCT MARKING:
PART NUMBER DESIGNATION & BATCH I.D.
- 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
- PRODUCT SPECIFICATION GS-12-180
APPLICATION SPECIFICATION BUS-20-073
- AFTER INSERTION INTO CIRCUIT BOARD WITH
QUALIFIED TOOL.
- A PLATING HAS Au FLASH IN PRESS FIT
AREA (LEAD FREE).
- THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE
EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS
AS DESCRIBED IN GS-22-008.
- FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX.
EXAMPLE: 70232-X01LF
- 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	
lfr	ecn no.	dr	date	linear	0. X ±0.3		COPY		projection 	title METRAL SIGNAL HEADER 1 MOD, 4 ROW PRESS-FIT	
AK					0. XX ±0.13						
					. XXX ±.051						
				angles	0° ±2°						
				dr	T.BRUNGARD	11/19/99	MM 		product family METRAL		code
				enrg	M.STRAWSER	11/19/99			size	dwg no	213
				chr	M.STRAWSER	11/19/99	scale 1 : 1		A		sheet
				appd	M.STRAWSER	02/29/00					70232
sheet index	revision sheet										

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cage code 22526

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