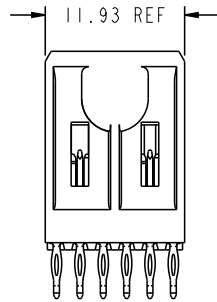
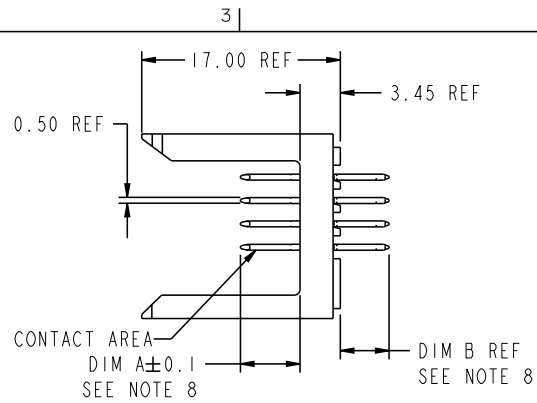
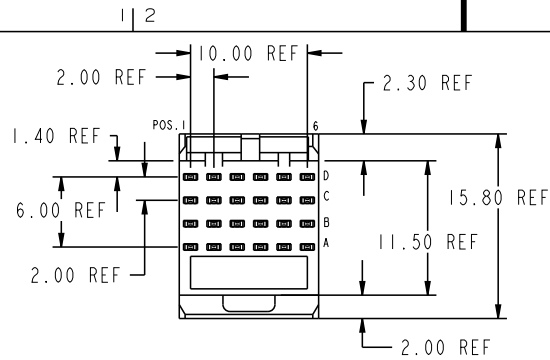


PRODUCT NUMBER
70232-XYX
70232-XYXLF



PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-Ayy	TELCORDIA CO	SEE NOTE 9
-N1yy	TELCORDIA CO (NXT)	-
-N5yy	TELCORDIA UE (NXT)	-
-1yy	TELCORDIA CO	-
-2yy	TELECOM CLASS	-
-3yy	IEC CLASS I	-
-5yy	TELCORDIA UE	-
-AYXLF	TELCORDIA CO	SEE NOTE 10
-N1YXLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 10
-N5YXLF	TELCORDIA UE (NXT)	SEE NOTE 10
-1YXLF	TELCORDIA CO IEC CLASS I	SEE NOTE 10
-2YXLF	TELECOM CLASS	SEE NOTE 10
-5YXLF	TELCORDIA UE	SEE NOTE 10

mat'l code				tolerances unless otherwise specified				CUSTOMER		FCJ	
ltr	ecm no.	dr	date	linear	0.X ±0.3	projection	COPY		www.fciconnect.com		
AL	V06-0498	DCH	2006-05-31		0.XX ±0.13		title		METRAL SIGNAL HEADER		
AM	DG09-0256	TER	2009-08-19		.XXX ±.051		product family		METRAL		
-	-	-	-	angles	∠ ±2°		size		dwg no		
AG	V04-0554	TAB	06/07/04	dr	T.BRUNGARD	11/19/99	scale		2:1		
AH	V05-0079	HTB	02/03/05	engr	M.STRAWER	11/19/99	sheet		213		
AJ	V05-0359	DAI	04/21/05	chr	M.STRAWER	11/19/99	sheet		1 of 8		
AK	V05-1030	LP	11/18/05	oppd	M.STRAWER	02/29/00	code		70232		
sheet	revision	AM	AM	AM	AM	AM	AM	AM	AM	AM	
index	sheet	1	2	3	4	5	6	7	8		

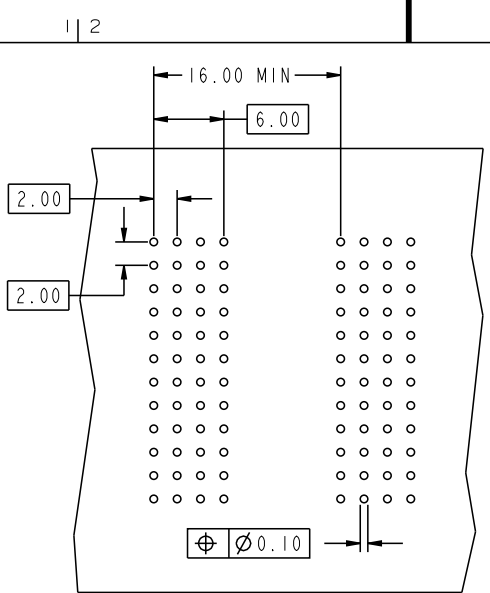
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REV E - 2006-04-18

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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		FCI	
lfr	ecn no.	dr	date	linear	0.X ±0.3	projection	COPY	www.fciconnect.com	
AM					0.XX ±0.13			title	
				angles	.XXX ±.051			METRAL SIGNAL HEADER	
					∠ ±2°	scale	product family	code	213
				dr	T.BRUNGARD 11/19/99	1:1	METRAL	sheet	2
				eng	M.STRAWER 11/19/99		size	dwg no	70232
				chr	M.STRAWER 11/19/99		A		
				appd	M.STRAWER 02/29/00				
sheet index	revision sheet								
							code code	22526	

PDM: Rev:AM STATUS:Released Printed: Jan 17, 2011



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METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X10 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

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X14 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

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X18 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

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X22 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

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X26 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

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X11 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

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X15 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

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X19 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

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X23 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

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X27 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

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X12 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

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X16 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

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X20 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

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X24 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

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X28 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

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X13 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

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X17 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

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X21 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

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X25 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

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70232-X29 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

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecm no.	dr	date	linear	0.X ±0.13	projection	title	www.fciconnect.com	
AM				angles	.XXX ±.051		METRAL SIGNAL HEADER		
				dr	T.BRUNGARD 11/19/99	product family	METRAL		
				eng	M.STRAWER 11/19/99	size	213		
				chr	M.STRAWER 11/19/99	scale	70232		
				appd	M.STRAWER 02/29/00	A	sheet 3		
sheet index	revision	sheet					code code 22526		



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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						METRAL P/N		CONTACT CODE MOD. I														
ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	
70232-X30	D	9	9	9	9	9	9	70232-X34	D	12	12	12	12	12	12	70232-X38	D	11	11	11	11	11	11	70232-X42	D	1	1	1	1	1	1	70232-X46	D	19	19	19	19	19		
SEE NOTE 11 LEAD FREE OPTION	C	10	10	10	10	10	10	SEE NOTE 11 LEAD FREE OPTION	C	11	11	11	11	11	11	SEE NOTE 11 LEAD FREE OPTION	C	9	9	9	9	9	9	SEE NOTE 11 LEAD FREE OPTION	C	1	1	1	1	1	1	SEE NOTE 11 LEAD FREE OPTION	C	3	3	3	3	3		
	B	10	10	10	10	10	10		B	11	11	11	11	11	11		B	9	9	9	9	9	9		B	1	1	1	1	1	1		B	3	3	3	3	3	3	
	A	11	11	11	11	11	11		A	12	12	12	12	12	12		A	9	9	9	9	9	9		A	2	2	2	2	2	2		A	3	3	3	3	3	3	3

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



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1		2		3		4																							
METRAL P/N	ROW	CONTACT CODE MOD. I				METRAL P/N	ROW	CONTACT CODE MOD. I				METRAL P/N	ROW	CONTACT CODE MOD. I				METRAL P/N	ROW	CONTACT CODE MOD. I				METRAL P/N	ROW	CONTACT CODE MOD. I			
70232-X50	D	6	6	6	6	70232-X54	D	6	6	6	6	70232-X58	D	20	20	20	20	70232-X62	D	9	9	9	9	70232-X66	D	21	21	21	21
SEE NOTE 11 LEAD FREE OPTION	C	6	6	6	6	SEE NOTE 11 LEAD FREE OPTION	C	7	7	7	7	SEE NOTE 11 LEAD FREE OPTION	C	20	20	20	20	SEE NOTE 11 LEAD FREE OPTION	C	9	9	9	9	SEE NOTE 11 LEAD FREE OPTION	C	11	11	11	11
	B	8	8	8	8		B	8	8	8	8		B	20	20	20	20		B	9	9	9	9		B	11	11	11	11
	A	6	6	6	6		A	7	7	7	7		A	20	20	20	20		A	10	10	10	10		A	11	11	11	11
METRAL P/N	ROW	CONTACT CODE MOD. I				METRAL P/N	ROW	CONTACT CODE MOD. I				METRAL P/N	ROW	CONTACT CODE MOD. I				METRAL P/N	ROW	CONTACT CODE MOD. I				METRAL P/N	ROW	CONTACT CODE MOD. I			
70232-X51	D	6	6	6	6	70232-X55	D	5	5	5	5	70232-X59	D	8	8	8	8	70232-X63	D	15	15	15	15	70232-X67	D	12	12	12	12
SEE NOTE 11 LEAD FREE OPTION	C	6	6	6	6	SEE NOTE 11 LEAD FREE OPTION	C	6	6	6	6	SEE NOTE 11 LEAD FREE OPTION	C	7	7	7	7	SEE NOTE 11 LEAD FREE OPTION	C	11	11	11	11	SEE NOTE 11 LEAD FREE OPTION	C	12	12	12	12
	B	6	6	6	6		B	7	7	7	7		B	7	7	7	7		B	11	11	11	11		B	15	15	15	15
	A	8	8	8	8		A	8	8	8	8		A	7	7	7	7		A	11	11	11	11		A	15	15	15	15
METRAL P/N	ROW	CONTACT CODE MOD. I				METRAL P/N	ROW	CONTACT CODE MOD. I				METRAL P/N	ROW	CONTACT CODE MOD. I				METRAL P/N	ROW	CONTACT CODE MOD. I				METRAL P/N	ROW	CONTACT CODE MOD. I			
70232-X52	D	5	5	5	5	70232-X56	D	20	20	20	20	70232-X60	D	10	10	10	10	70232-X64	D	10	10	10	10	70232-X68	D	21	21	21	21
SEE NOTE 11 LEAD FREE OPTION	C	5	5	5	5	SEE NOTE 11 LEAD FREE OPTION	C	7	7	7	7	SEE NOTE 11 LEAD FREE OPTION	C	10	10	10	10	SEE NOTE 11 LEAD FREE OPTION	C	11	11	11	11	SEE NOTE 11 LEAD FREE OPTION	C	21	21	21	21
	B	5	5	5	5		B	7	7	7	7		B	12	12	12	12		B	12	12	12	12		B	21	21	21	21
	A	6	6	6	6		A	7	7	7	7		A	10	10	10	10		A	11	11	11	11		A	21	21	21	21
METRAL P/N	ROW	CONTACT CODE MOD. I				METRAL P/N	ROW	CONTACT CODE MOD. I				METRAL P/N	ROW	CONTACT CODE MOD. I				METRAL P/N	ROW	CONTACT CODE MOD. I				METRAL P/N	ROW	CONTACT CODE MOD. I			
70232-X53	D	14	14	14	14	70232-X57	D	8	8	8	8	70232-X61	D	10	10	10	10	70232-X65	D	9	9	9	9	70232-X69	D	12	12	12	12
SEE NOTE 11 LEAD FREE OPTION	C	7	7	7	7	SEE NOTE 11 LEAD FREE OPTION	C	8	8	8	8	SEE NOTE 11 LEAD FREE OPTION	C	10	10	10	10	SEE NOTE 11 LEAD FREE OPTION	C	10	10	10	10	SEE NOTE 11 LEAD FREE OPTION	C	11	11	11	11
	B	7	7	7	7		B	14	14	14	14		B	10	10	10	10		B	11	11	11	11		B	11	11	11	11
	A	7	7	7	7		A	14	14	14	14		A	12	12	12	12		A	12	12	12	12		A	11	11	11	11

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecn no.	dr	date	linear	0.X ±0.3	projection	title	www.fciconnect.com	
AM				angles	0.XX ±0.13		METRAL SIGNAL HEADER		
				dr	.XXX ±.051		product family	METRAL	code
				eng	0 ±2°	scale	70232	sheet	5
				chr	T. BRUNGARD 11/19/99	size	A		
				oppd	M. STRAWSER 11/19/99				
sheet index	revision								
	sheet								



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METRAL P/N		CONTACT CODE MOD. I					
ROW	1	2	3	4	5	6	
70232-X70	D	4	4	4	4	4	
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	
	B	2	2	2	2	2	
	A	2	2	2	2	2	
70232-X71	D	3	3	3	3	3	
SEE NOTE 11 LEAD FREE OPTION	C	3	3	3	3	3	
	B	1	1	1	1	1	
	A	3	3	3	3	3	
70232-X72	D	2	2	2	2	2	
SEE NOTE 11 LEAD FREE OPTION	C	4	4	4	4	4	
	B	4	4	4	4	4	
	A	19	19	19	19	19	
70232-X73	D	2	2	2	2	2	
SEE NOTE 11 LEAD FREE OPTION	C	3	3	3	3	3	
	B	2	2	2	2	2	
	A	3	3	3	3	3	
70232-X74	D	2	2	2	2	2	
SEE NOTE 11 LEAD FREE OPTION	C	3	3	3	3	3	
	B	3	3	3	3	3	
	A	3	3	3	3	3	
70232-X75	D	2	2	2	2	2	
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	
	B	2	2	2	2	2	
	A	3	3	3	3	3	
70232-X76	D	19	19	19	19	19	
SEE NOTE 11 LEAD FREE OPTION	C	1	1	1	1	1	
	B	1	1	1	1	1	
	A	19	19	19	19	19	
70232-X77	D	2	2	2	2	2	
SEE NOTE 11 LEAD FREE OPTION	C	3	3	3	3	3	
	B	19	19	19	19	19	
	A	3	3	3	3	3	
70232-X78	D	1	1	1	1	1	
SEE NOTE 11 LEAD FREE OPTION	C	1	1	1	1	1	
	B	3	3	3	3	3	
	A	1	1	1	1	1	
70232-X79	D	3	3	3	3	3	
SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	
	B	2	2	2	2	2	
	A	2	2	2	2	2	
70232-X80	D	8	8	8	8	8	
SEE NOTE 11 LEAD FREE OPTION	C	6	6	6	6	6	
	B	6	6	6	6	6	
	A	6	6	6	6	6	
70232-X81	D	7	7	7	7	7	
SEE NOTE 11 LEAD FREE OPTION	C	7	7	7	7	7	
	B	5	5	5	5	5	
	A	7	7	7	7	7	
70232-X82	D	6	6	6	6	6	
SEE NOTE 11 LEAD FREE OPTION	C	8	8	8	8	8	
	B	8	8	8	8	8	
	A	20	20	20	20	20	
70232-X83	D	6	6	6	6	6	
SEE NOTE 11 LEAD FREE OPTION	C	7	7	7	7	7	
	B	6	6	6	6	6	
	A	7	7	7	7	7	
70232-X84	D	6	6	6	6	6	
SEE NOTE 11 LEAD FREE OPTION	C	7	7	7	7	7	
	B	7	7	7	7	7	
	A	7	7	7	7	7	
70232-X85	D	6	6	6	6	6	
SEE NOTE 11 LEAD FREE OPTION	C	6	6	6	6	6	
	B	6	6	6	6	6	
	A	7	7	7	7	7	
70232-X86	D	20	20	20	20	20	
SEE NOTE 11 LEAD FREE OPTION	C	5	5	5	5	5	
	B	5	5	5	5	5	
	A	20	20	20	20	20	
70232-X87	D	6	6	6	6	6	
SEE NOTE 11 LEAD FREE OPTION	C	7	7	7	7	7	
	B	20	20	20	20	20	
	A	7	7	7	7	7	
70232-X88	D	5	5	5	5	5	
SEE NOTE 11 LEAD FREE OPTION	C	5	5	5	5	5	
	B	7	7	7	7	7	
	A	5	5	5	5	5	
70232-X89	D	7	7	7	7	7	
SEE NOTE 11 LEAD FREE OPTION	C	6	6	6	6	6	
	B	6	6	6	6	6	
	A	6	6	6	6	6	

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

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METRAL P/N	ROW	CONTACT CODE MOD. 1					
		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. 1					
		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. 1					
		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. 1					
		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. 1					
		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. 1					
		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

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		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. 1					
		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. 1					
		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. 1					
		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

mat'l code		tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecn no.	dr	date	linear	0.X ± 0.3	projection	www.fciconnect.com
AM				linear	0.XX ± 0.13	projection	title METRAL SIGNAL HEADER
				angles	.XXX ± .051	MM	1 MOD, 4 ROW PRESS-FIT
				dr	0° ± 2°	MM	product family METRAL
				engr	T. BRUNGARD 11/19/99	MM	code 213
				chr	M. STRAWSER 11/19/99	MM	sheet 7
				appd	M. STRAWSER 02/29/00	MM	size 70232
sheet index	revision sheet			scale	1:1	A	dwg no
							code code 22526

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PRODUCT NUMBER
70232-XYX
70232-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:
70232 -XYX IS SnPb
70232-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: 70232-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 MAXIMUM 140°C FOR
NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCJ		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0, X ±0,3	COPY		projection		title	
AM					0, XX ±0,13	COPY				METRAL SIGNAL HEADER	
				angles	.XXX ±.051					1 MOD, 4 ROW PRESS-FIT	
				dr	0° ±2°			product family		METRAL code	
				eng	T.BRUNGARD 11/19/99			size		213	
				chr	M.STRAWSER 11/19/99	scale		dwg no		sheet	
				oppd	M.STRAWSER 02/29/00	1:1		A		8	
sheet index	revision sheet										

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Pro/E

cage code 22526

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