

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

KEY (SIGNAL PRESS-FIT)		
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
19	8.00	4.30
20	8.00	13.60
21	8.00	17.00
22	5.00	12.10
29	8.00	14.60
30	5.00	12.90
31	5.75	12.90
40	5.00	15.60
41	6.50	15.60
49	5.75	15.10
52	8.00	15.10
59	5.00	11.80
61	6.50	11.80
64	5.75	14.90
65	5.00	16.30
67	7.25	16.30



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mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
lir	ecm no.	dr	date	linear	0.X ± 0.3	COPY		projection		title	
CH					0.XX ± 0.13	MM		METRAL		METRAL SIGNAL HEADER	
				angles	.XXX ± .051	3:2		product family		MOD, 5 ROW PRESS-FIT	
				dr	0° ± 2°	A		size		code	
				enr				dwg no		213	
				chr				85674		sheet	
				appd						2	
sheet index	revision sheet									cage code	
										22526	

METRAL P/N		CONTACT CODE MOD.					METRAL P/N		CONTACT CODE MOD.					METRAL P/N		CONTACT CODE MOD.					METRAL P/N		CONTACT CODE MOD.																				
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	ROW	1	2	3	4	5	6		
85674-X25	E	2	2	2	2	2	85674-X31	E	4	2	2	2	2	85674-X37	E	2	2	2	2	2	85674-X41	E	1	1	1	1	2	3	85674-X45	E	3	3	3	3	2	3							
	D	2	2	2	2	2		D	4	2	2	2	1	2	D	2	2	2	2	2	D	2	2	2	1	1	3	D	3	3	3	3	3	3									
	C	2	2	2	2	2		C	4	2	2	2	2	2	C	2	2	2	2	2	C	2	2	2	2	2	3	C	3	3	3	3	3	3									
85674-X25LF	B	2	-	-	-	2	85674-X31LF	B	4	2	2	2	2	2	B	2	2	2	2	2	B	2	2	2	2	2	3	B	3	3	3	3	3	3									
	A	2	-	-	-	2		A	4	2	2	2	2	2	A	2	2	2	2	2	A	2	2	1	1	3	A	3	3	3	3	3	3										
85674-X26	E	2	2	2	6	6	85674-X32	E	2	2	2	2	2	2	85674-X38	E	2	2	2	2	2	85674-X42	E	2	2	2	2	2	85674-X46	E	5	7	7	7	7	7							
	D	2	2	2	6	6		D	2	2	2	2	2	2	D	2	2	2	2	2	D	2	2	2	2	2	2	D	7	7	7	7	7	7									
	C	2	2	2	6	6		C	2	2	4	4	2	2	C	2	2	2	2	2	C	2	2	2	2	2	2	C	7	7	7	7	7	7									
85674-X26LF	B	2	2	2	6	6	85674-X32LF	B	2	2	2	2	2	2	B	2	2	2	2	2	B	2	2	2	2	1	2	B	7	7	7	7	7	7									
	A	2	2	2	6	6		A	2	2	2	2	2	2	A	2	2	2	2	2	A	2	2	2	2	2	2	A	7	7	7	7	7	7									
85674-X27	E	2	2	6	6	6	85674-X33	E	2	2	2	2	2	2	85674-X39	E	6	6	6	6	6	85674-X43	E	5	5	5	5	5	85674-X47	E	7	7	7	7	7	7							
	D	2	2	6	6	6		D	2	2	2	2	2	2	D	6	6	6	6	6	8	D	6	6	6	6	6	D	7	4	7	7	7	7	7								
	C	2	2	6	6	6		C	2	2	4	4	2	2	C	6	6	6	6	6	6	C	6	6	6	5	5	C	4	7	4	7	7	7	7								
85674-X27LF	B	2	2	6	6	6	85674-X33LF	B	2	2	2	2	2	2	2	B	6	6	6	6	6	6	B	6	5	5	5	5	B	7	7	4	7	7	7	7							
	A	2	2	6	6	6		A	2	2	4	4	2	2	A	6	6	6	6	6	6	A	5	5	5	5	5	A	7	7	6	7	7	7	7								
85674-X28	E	3	3	3	3	3	85674-X34	E	2	2	2	2	2	2	85674-X40	E	1	1	1	1	1	1	85674-X44	E	6	6	6	6	6	85674-X48	E	-	59	59	59	59	59						
	D	1	1	1	1	1		D	2	2	2	2	2	2	D	2	2	2	2	2	2	D	6	6	6	6	5	D	-	59	59	59	59	59									
	C	1	1	1	1	1		C	2	2	2	2	2	2	C	2	2	2	1	1	1	C	6	6	6	6	6	C	-	59	59	59	59	59									
85674-X28LF	B	1	1	1	1	1	85674-X34LF	B	2	2	2	2	2	2	2	B	2	1	1	1	1	1	B	5	6	5	5	6	B	-	59	59	59	59	59								
	A	1	1	1	1	1		A	2	2	2	2	2	2	A	1	1	1	1	1	1	A	5	6	5	5	6	A	-	59	59	59	59	59									
85674-X29	E	3	3	3	3	3	85674-X35	E	2	2	4	2	2	2	85674-X41	E	2	2	4	2	2	2	85674-X45	E	5	5	5	5	5	85674-X49	E	-	59	59	59	59	59						
	D	3	3	3	3	3		D	2	2	2	2	2	2	D	2	2	2	2	2	2	D	6	6	6	6	6	D	-	59	59	59	59	59									
	C	3	3	3	3	3		C	2	2	2	2	2	2	C	2	2	2	2	2	2	C	6	6	6	6	6	C	-	59	59	59	59	59									
85674-X29LF	B	3	3	3	3	3	85674-X35LF	B	2	2	2	2	2	2	2	B	2	1	1	1	1	1	B	5	6	5	5	6	B	-	59	59	59	59	59								
	A	3	3	3	3	3		A	2	2	2	2	2	2	A	2	2	2	2	2	2	A	5	5	5	5	5	A	-	59	59	59	59	59									
85674-X30	E	7	7	7	7	5	85674-X36	E	2	2	4	4	2	2	85674-X42	E	2	2	2	2	2	2	85674-X46	E	5	5	5	5	5	85674-X50	E	-	59	59	59	59	59						
	D	7	7	7	7	7		D	2	2	2	2	2	2	D	2	2	2	2	2	2	D	6	6	6	6	6	D	-	59	59	59	59	59									
	C	7	7	7	7	7		C	2	2	4	4	2	2	C	2	2	2	2	2	2	C	6	6	6	6	6	C	-	59	59	59	59	59									
85674-X30LF	B	7	7	7	7	7	85674-X36LF	B	2	2	2	2	2	2	2	B	2	2	2	2	2	2	B	5	6	5	5	6	B	-	59	59	59	59	59								
	A	7	7	7	7	7		A	2	2	2	2	2	2	A	2	2	2	2	2	2	A	5	6	5	5	6	A	-	59	59	59	59	59									



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lir	ecn no.	dr	date	linear	0.X ±0.3	projection		COPY		title		METRAL SIGNAL HEADER	
CH					0.XX ±0.13	MM		A		size		MOD, 5 ROW PRESS-FIT	
				angles	.XXX ±.051	scale		1:1		product family		METRAL	
				dr	0° ±2°	sheet		A		dwg no		85674	
				enrg	T.BRUNGARD 11/19/99	revision		4		sheet		213	
				chr	M.STRAWER 11/19/99	index				cage code		22526	
				oppd	M.STRAWER 02/29/00								

METRAL P/N		CONTACT CODE MOD.					METRAL P/N		CONTACT CODE MOD.					METRAL P/N		CONTACT CODE MOD.					METRAL P/N		CONTACT CODE MOD.																																			
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	ROW	1	2	3	4	5	6																	
85674-X49	E	3	3	3	3	3	85674-X55	E	1	3	1	1	1	85674-X61	E	3	1	9	3	3	85674-X65	E	3	3	3	3	85674-X69	E	6	6	6	6	6	85674-X73	E	2	2	2	2	2	85674-X77	E	2	2	2	2	2											
	D	3	3	3	3	3		D	1	3	1	1	1		D	3	1	9	3	3		D	3	3	3	3		D	6	5	6	6	6		D	2	1	2	2	2		D	2	1	2	2	2											
	C	-	-	3	3	3		C	1	3	1	1	1		C	3	1	9	3	3		C	3	3	3	3		C	6	6	6	6	6		C	2	2	2	2	2		C	2	2	2	2	2											
85674-X49LF	B	-	-	-	-	3	85674-X55LF	B	1	3	1	1	1	85674-X61LF	B	3	1	9	3	3	85674-X65LF	B	3	3	3	3	85674-X69LF	B	6	6	6	6	6		B	2	2	2	2	2		B	2	2	2	2	2											
	A	3	3	-	-	3		A	1	3	1	1	1		A	3	1	9	3	3		A	3	3	3	3		A	6	6	6	6	6		A	2	2	2	2	2		A	2	2	2	2	2											
85674-X50	E	3	3	3	3	3	85674-X56	E	5	6	6	6	6	85674-X62	E	2	2	2	1	2	85674-X66	E	2	2	2	2	85674-X70	E	1	9	2	4	4	2	1	9	85674-X74	E	2	2	2	2	2	85674-X78	E	2	2	2	2	2								
	D	3	3	1	9	3		D	5	6	6	6	6		D	2	2	2	1	2		D	2	2	2	1		D	1	9	2	4	4	2	1	9		D	1	9	2	4	4	2	1	9												
	C	3	3	1	9	3		C	5	6	6	6	6		C	2	2	2	1	2		C	2	2	2	2		C	1	9	2	4	4	2	1	9		C	1	9	2	4	4	2	1	9												
85674-X50LF	B	3	3	3	3	3	85674-X56LF	B	5	6	6	6	6	85674-X62LF	B	2	2	2	1	2	85674-X66LF	B	2	2	2	2	85674-X70LF	B	1	9	2	4	4	2	1	9		B	1	9	2	4	4	2	1	9		B	1	9	2	4	4	2	1	9		
	A	3	3	3	3	3		A	5	6	6	6	6		A	1	2	2	1	2		A	2	2	2	2		A	1	9	2	4	4	2	1	9		A	1	9	2	4	4	2	1	9		A	1	9	2	4	4	2	1	9		
85674-X51	E	5	5	5	5	5	85674-X57	E	5	6	6	6	6	85674-X63	E	2	2	2	1	1	85674-X67	E	2	2	2	2	85674-X71	E	2	2	2	2	2	1	9	85674-X75	E	2	2	2	2	2	85674-X79	E	2	2	2	2	2									
	D	6	6	6	6	6		D	5	6	6	6	6		D	2	2	2	1	1		D	2	1	2	2		D	2	1	2	2	2	1	9		D	2	1	2	2	2	1	9		D	2	1	2	2	2							
	C	6	6	6	5	5		C	5	6	6	6	6		C	1	2	2	2	1	1		C	2	2	2	2		C	2	2	2	2	2	1	9		C	2	2	2	2	2	1	9		C	2	2	2	2	2						
85674-X51LF	B	6	5	5	5	5	85674-X57LF	B	6	6	6	6	6	85674-X63LF	B	2	2	2	1	1	85674-X67LF	B	2	2	2	2	85674-X71LF	B	2	2	2	2	2	1	9		B	2	2	2	2	2	1	9		B	2	2	2	2	2							
	A	5	5	5	5	5		A	6	6	6	6	6		A	1	2	1	2	1	1		A	2	2	2	2		A	2	2	2	2	2	1	9		A	2	2	2	2	2	1	9		A	2	2	2	2	2						
85674-X52	E	1	1	1	1	1	85674-X58	E	1	2	2	2	2	85674-X64	E	2	1	2	2	1	1	85674-X68	E	7	7	7	7	8	85674-X72	E	6	6	6	6	6	6	85674-X76	E	6	6	6	6	6	85674-X80	E	6	6	6	6	6								
	D	1	1	1	1	1		D	1	2	2	2	2		D	2	2	2	2	1	1		D	7	7	7	7	8		D	6	6	6	6	6	6		D	6	6	6	6	6	85674-X84	E	2	2	2	2	2								
	C	3	1	1	1	1		C	1	2	2	2	2		C	2	2	1	1	1	1		C	7	7	7	7	8		C	2	0	6	6	6	6	6		C	2	0	6	6	6	6	85674-X88	E	2	2	2	2	2						
85674-X52LF	B	1	1	1	1	1	85674-X58LF	B	2	2	2	2	2	85674-X64LF	B	2	2	2	2	1	1	85674-X68LF	B	7	7	7	7	8		B	6	6	6	6	6	6		B	6	6	6	6	6	6		B	6	6	6	6	6							
	A	1	1	1	1	1		A	2	2	2	2	2		A	2	2	1	1	1	1		A	7	7	7	7	8		A	6	6	6	6	6	6		A	6	6	6	6	6	6		A	6	6	6	6	6							
85674-X53	E	3	3	3	3	3	85674-X59	E	3	3	3	1	3	3	85674-X65	E	3	1	9	3	3	3	85674-X69	E	3	3	3	3	3	85674-X73	E	2	2	2	2	2	2	85674-X77	E	2	2	2	2	2	85674-X81	E	2	2	2	2	2							
	D	2	2	2	2	3		D	3	3	1	3	3		D	3	1	9	3	3	3		D	3	3	3	3		D	2	2	2	2	3	3	85674-X75	E	2	2	2	2	2	85674-X79	E	2	2	2	2	2									
	C	2	2	2	1	1		C	1	9	3	1	3	3		C	1	9	3	3	3		C	3	3	3	3		C	2	2	2	1	1	1	85674-X77	E	2	2	2	2	2	85674-X81	E	2	2	2	2	2									
85674-X53LF	B	2	2	2	1	1	85674-X59LF	B	3	1	9	3	3	3	85674-X65LF	B	3	1	9	3	3	3	85674-X69LF	B	3	3	3	3	3	85674-X73LF	B	2	2	2	2	2	2	85674-X77LF	B	2	2	2	2	2	85674-X81LF	B	2	2	2	2	2	85674-X85	E	2	2	2	2	2
	A	3	2	3	1	1		A	3	3	3	3	3		A	3	1	9	3	3	3		A	3	3	3	3		A	2	2	2	2	2	2	85674-X75LF	B	2	2	2	2	2	85674-X79LF	B	2	2	2	2	2									
85674-X54	E	2	2	2	2	2	85674-X60	E	-	1	1	1	1	85674-X66	E	-	1	1	1	1	1	85674-X70	E	-	1	1	1	1	85674-X74	E	-	1	1	1	1	1	85674-X78	E	-	1	1	1	1	1	85674-X82	E	-	1	1	1	1							
	D	2	2	1	1	3		D	-	1	1	1	1		D	-	1	1	1	1	1		D	-	1	1	1	1		D	-	1	1	1	1	1	85674-X76	E	-	1	1	1	1	1	85674-X80	E	-	1	1	1	1							
	C	2	2	1	1	3		C	-	1	1	1	1		C	-	1	1	1	1	1		C	-	1	1	1	1		C	-	1	1	1	1	1	85674-X78	E	-	1	1	1	1	1	85674-X82	E	-	1	1	1	1							
85674-X54LF	B	2	2	1	1	3	85674-X60LF	B	-	1	1	1	1	85674-X66LF	B	-	1	1	1	1	1	85674-X70LF	B	-	1	1	1	1	85674-X74LF	B	-	1	1	1	1	1	85674-X78LF	B	-	1	1	1	1	1	85674-X82LF	B	-	1	1	1	1							
	A	3	2	1	1	3		A	-	1	1	1	1		A	-	1	1	1	1	1		A	-	1	1	1	1		A	-	1	1	1	1	1	85674-X80LF	B	-	1	1	1	1	1	85674-X84	E	-	1	1	1	1							



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mat'l code				tolerances unless otherwise specified				CUSTOMER		FCI	
ltr	ecm no.	dr	date	0.X ± 0.3				COPY		www.fciconnect.com	
CH				0.XX ± 0.13				projection		title	
				.XXX ± .051				MM		METRAL SIGNAL HEADER	
				0° ± 2°				MM		1 MOD, 5 ROW PRESS-FIT	
				dr T.BRUNGARD 11/19/99				product family		METRAL	

METRAL P/N		CONTACT CODE MOD.					METRAL P/N		CONTACT CODE MOD.					METRAL P/N		CONTACT CODE MOD.					METRAL P/N		CONTACT CODE MOD.																	
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	
85674-X73	E	20	6	8	8	6	20	85674-X79	E	3	2	2	2	2	2	85674-X85	E	7	7	6	8	3	3	85674-X89	E	3	8	6	6	6	6	85674-X93	E	3	4	2	2	2	2	
D	20	6	8	8	6	20	D	3	2	2	2	2	2	2	D	7	7	6	8	3	3	3	D	3	8	6	6	6	6	6	D	3	4	2	2	2	2	2		
C	20	6	8	8	6	20	C	3	2	2	2	2	2	2	C	7	7	6	8	3	3	3	C	3	8	6	6	6	6	C	3	4	2	2	2	2	2	2		
B	20	6	8	8	6	20	B	3	2	2	2	2	2	2	B	7	7	6	8	3	3	3	B	3	8	6	6	6	6	B	3	4	2	2	2	2	2	2	2	
A	20	6	8	8	6	20	A	3	2	2	2	2	2	2	A	7	7	6	8	3	3	3	A	3	8	6	6	6	6	A	3	4	2	2	2	2	2	2	2	
85674-X73LF	A	20	6	8	8	6	20	85674-X79LF	A	3	2	2	2	2	2	85674-X85LF	A	7	7	6	8	3	3	85674-X89LF	A	3	8	6	6	6	6	85674-X93LF	A	3	4	2	2	2	2	2
85674-X74	E	2	2	2	2	2	1	85674-X80	E	2	2	1	1	3	3	85674-X86	E	4	4	4	4	3	3	85674-X90	E	2	2	2	2	2	2	85674-X94	E	4	3	4	3	4	4	
D	2	2	2	2	2	2	1	D	2	2	3	3	3	3	D	4	4	4	4	3	3	3	D	2	2	2	2	2	2	D	4	3	4	3	4	4				
C	2	2	2	2	2	2	1	C	2	2	3	3	3	3	C	4	4	4	4	3	3	3	C	2	2	2	2	2	2	C	4	4	4	3	4	4				
B	2	2	2	2	2	2	1	B	1	2	3	3	3	3	B	4	4	4	4	3	3	3	B	2	2	2	2	2	2	B	4	2	4	2	4	4	4			
A	2	2	2	2	2	2	1	A	1	2	3	3	3	3	A	4	4	4	4	3	3	3	A	2	2	2	2	2	2	A	4	2	4	2	4	4	4			
85674-X74LF	A	2	2	2	2	2	1	85674-X80LF	A	1	2	3	3	3	3	85674-X86LF	A	4	4	4	4	3	3	85674-X90LF	A	2	2	2	2	2	2	85674-X94LF	A	4	2	4	2	4	4	
85674-X75	E	2	2	2	2	3	3	85674-X81	E	2	2	3	3	3	4	85674-X87	E	3	4	3	4	3	4	85674-X91	E	2	2	2	2	2	2	85674-X95	E	4	4	3	4	3	4	
D	2	2	2	2	2	3	3	D	2	2	3	3	3	4	D	3	4	3	4	3	4	4	D	1	2	2	2	2	2	D	4	4	3	4	3	4				
C	2	2	2	2	2	3	3	C	2	2	3	3	3	4	C	4	4	4	4	3	3	3	C	2	2	2	2	2	2	C	4	4	4	4	4	4				
B	4	4	4	4	4	3	3	B	2	2	3	3	3	4	B	3	4	2	2	2	2	2	B	2	2	2	2	2	2	B	4	2	4	2	4	2	4			
A	4	4	4	4	4	3	3	A	2	2	3	3	3	4	A	3	4	2	2	2	2	2	A	2	2	2	2	2	2	A	4	2	4	2	4	2	4			
85674-X75LF	A	4	4	4	4	3	3	85674-X81LF	A	2	2	3	3	3	4	85674-X87LF	A	3	4	2	2	2	2	85674-X91LF	A	2	2	2	2	2	2	85674-X95LF	A	4	4	2	4	2	4	
85674-X76	E	2	2	2	3	3	3	85674-X82	E	3	3	3	3	3	1	85674-X88	E	8	7	8	8	7	7	85674-X92	E	3	4	3	4	3	4	85674-X96	E	3	4	3	4	1	2	
D	2	2	2	3	3	3	3	D	3	3	3	3	3	1	D	8	7	8	8	7	7	7	D	3	4	3	4	3	4	D	3	4	3	4	2	2				
C	2	2	2	3	3	3	3	C	3	3	3	3	3	1	C	8	7	8	8	7	7	7	C	4	4	4	4	4	4	C	4	4	4	4	2	2				
B	2	2	2	3	3	3	3	B	3	3	3	3	3	1	B	8	7	8	8	7	7	7	B	2	2	2	2	2	2	B	2	2	2	2	2	2	2			
A	2	2	2	3	3	3	3	A	3	3	3	3	3	1	A	8	7	8	8	7	7	7	A	2	2	2	2	2	2	A	2	2	2	2	2	2	2			
85674-X76LF	A	2	2	2	3	3	3	85674-X82LF	A	3	3	3	3	3	1	85674-X88LF	A	8	7	8	8	7	7	85674-X92LF	A	2	2	2	2	2	2	85674-X96LF	A	2	2	2	2	1	2	
85674-X77	E	3	3	3	2	2	2	85674-X83	E	1	3	3	3	3	3	85674-X89	E	3	4	3	4	3	4	85674-X93	E	2	2	2	2	2	2	85674-X97	E	3	4	3	4	1	2	
D	3	3	3	2	2	2	2	D	1	3	3	3	3	3	85674-X90	D	3	4	3	4	3	4	85674-X94	D	1	2	2	2	2	2	85674-X98	D	4	4	3	4	2	2		
C	3	3	3	2	2	2	2	C	1	3	3	3	3	3	85674-X91	C	4	4	4	4	3	4	85674-X95	C	2	2	2	2	2	2	85674-X99	C	4	4	4	4	2	2		
B	3	3	3	2	2	2	2	B	1	3	3	3	3	3	85674-X92	B	3	4	2	2	2	2	85674-X96	B	2	2	2	2	2	2	85674-X99	B	4	2	4	2	4	2		
A	3	3	3	2	2	2	2	A	1	3	3	3	3	3	85674-X93	A	3	4	2	2	2	2	85674-X97	A	2	2	2	2	2	2	85674-X99	A	4	2	4	2	4	2		
85674-X77LF	A	3	3	3	2	2	2	85674-X83LF	A	1	3	3	3	3	3	85674-X90LF	A	2	2	2	2	2	2	85674-X96LF	A	2	2	2	2	2	2	85674-X99LF	A	4	2	4	2	4	2	
85674-X78	E	3	4	2	2	2	3	85674-X84	E	3	3	1	2	2	3	85674-X91	E	3	3	1	2	2	3	85674-X97	E	3	4	2	2	2	3	85674-X99	E	3	4	2	2	2	3	
D	3	4	2	2	2	2	3	D	3	3	1	2	2	3	85674-X92	D	3	3	1	2	2	3	85674-X98	D	3	4	2	2	2	3	85674-X99	D	3	4	2	2	2	3		
C	3	4	2	2	2	2	3	C	3	3	1	2	2	3	85674-X93	C	3	3	1	2	2	3	85674-X99	C	3	4	2	2	2	3	85674-X99	C	3	4	2	2	2	3		
B	3	4	2	2	2	2	3	B	3	3	1	2	2	3	85674-X94	B	3	3	1	2	2	3	85674-X99	B	3	4	2	2	2	3	85674-X99	B	3	4	2	2	2	3		
A	3	4	2	2	2	2	3	A	3	3	1	2	2	3	85674-X95	A	3	3	1	2	2	3	85674-X99	A	3	4	2	2	2	3	85674-X99	A	3	4	2	2	2	3		
85674-X78LF	A	3	4	2	2	2	3	85674-X84LF	A	3	3	1	2	2	3	85674-X92LF	A	3	3	1	2	2	3	85674-X99LF	A	3	4	2	2	2	3	85674-X99LF	A	3	4	2	2	2	3	



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mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
lir	ecn no.	dr	date	linear	0.X ± 0.3	projection	title	METRAL SIGNAL HEADER			
CH					0.XX ± 0.13	MM	I MOD, 5 ROW PRESS-FIT				
				angles	.XXX ± .051	scale	product family	METRAL			
				dr	0° ± 2°	1:1	size	85674			
				enrg			sheet	213			
				chr			sheet	6			
				oppd							
sheet index	revision										
	sheet										
Pro/E		3		cage code		22526		4			

METRAL P/N		CONTACT CODE MOD.					METRAL P/N		CONTACT CODE MOD.					METRAL P/N		CONTACT CODE MOD.					METRAL P/N		CONTACT CODE MOD.																				
		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	
85674-X97		E	4	-	4	4	3	85674-X103		E	29	29	29	7	7	7	85674-X109		E	2	2	2	2	2	2	85674-X113		E	67	64	64	64	64	64	85674-X117		E	-	4	2	4	2	4
85674-X97LF		D	4	-	4	4	3	85674-X103LF		D	29	29	29	7	7	7	85674-X109LF		D	3	2	2	2	2	2	85674-X113LF		D	67	64	64	64	64	64	85674-X117LF		D	-	4	2	4	2	4
		C	4	-	4	4	3			C	29	29	29	7	7	7			C	4	2	2	2	2	2			C	67	64	64	64	64	64			C	-	4	4	4	4	4
		B	4	-	4	4	3			B	29	29	29	7	7	7			B	2	2	2	2	2	2			B	67	64	64	64	64	64			B	-	4	2	4	2	4
		A	4	-	4	4	3			A	29	29	29	7	7	7			A	2	2	2	2	2	2			A	67	64	64	64	64	64			A	-	4	2	4	2	4
85674-X98		E	3	4	3	3	3	85674-X104		E	7	7	7	29	29	29	85674-X110		E	2	2	2	2	19	85674-X114		E	6	-	6	-	-	-	85674-X118		E	2	2	2	19	19	19	
85674-X98LF		D	3	4	3	3	3	85674-X104LF		D	7	7	7	29	29	29	85674-X110LF		D	2	2	2	2	19	85674-X114LF		D	-	-	-	-	-	-	85674-X118LF		D	2	2	2	19	19	19	
		C	3	4	3	3	3			C	7	7	7	29	29	29			C	2	2	2	2	19			C	6	-	6	-	-	-			C	2	2	2	19	19	19	
		B	3	4	3	3	3			B	7	7	7	29	29	29			B	2	2	2	2	19			B	-	-	-	-	-	-			B	2	2	2	19	19	19	
		A	3	4	3	3	3			A	7	7	7	29	29	29			A	2	2	2	2	19			A	6	-	6	-	-	-			A	2	2	2	19	19	19	
85674-X99		E	2	2	1	1	2	85674-X105		E	7	8	7	8	7	8	85674-X111		E	6	6	6	6	6	20	85674-X115		E	64	64	64	64	64	64	85674-X119		E	1	1	1	3	1	1
85674-X99LF		D	2	2	2	2	2	85674-X105LF		D	7	8	7	8	7	8	85674-X111LF		D	6	6	6	6	6	20	85674-X115LF		D	64	64	64	64	64	64	85674-X119LF		D	1	1	1	3	1	1
		C	2	2	2	2	2			C	8	8	8	8	8	8			C	6	6	6	6	6	20			C	65	64	64	64	64	64			C	1	1	1	3	1	1
		B	1	2	2	2	2			B	6	8	6	8	6	8			B	6	6	6	6	6	20			B	64	64	64	64	64	64			B	1	1	1	3	1	1
		A	1	2	2	2	2			A	6	8	6	8	6	8			A	6	6	6	6	6	20			A	64	64	64	64	64	64			A	1	1	1	3	1	1
85674-X100		E	2	2	1	2	2	85674-X106		E	7	8	7	8	1	2	85674-X112		E	64	64	64	64	64	85674-X116		E	4	4	-	2	2	2	85674-X120		E	1	2	2	2	2	2	
85674-X100LF		D	2	2	1	2	2	85674-X106LF		D	7	8	7	8	1	2	85674-X112LF		D	64	64	64	64	64	85674-X116LF		D	4	4	-	2	2	2	85674-X120LF		D	2	2	2	2	2	2	
		C	2	2	2	2	2			C	8	8	8	8	2			C	67	64	64	64	64	64			C	4	4	-	2	2	2			C	2	2	2	2	2	2	
		B	2	2	2	2	2			B	6	8	6	8	1	2			B	64	64	64	64	64	64			B	-	-	-	2	2	2			B	2	2	2	2	2	2
		A	2	2	2	2	2			A	6	8	6	8	1	2			A	64	64	64	64	64	64			A	4	4	4	4	4	4			A	2	2	2	2	2	2
85674-X101		E	2	2	2	2	1	85674-X107		E	19	19	19	3	3	3	85674-X117		E	64	64	64	64	64	85674-X117		E	4	4	-	2	2	2	85674-X121		E	1	2	2	2	2	2	
85674-X101LF		D	2	2	2	2	1	85674-X107LF		D	19	19	19	3	3	3	85674-X117LF		D	64	64	64	64	64	85674-X117LF		D	4	4	-	2	2	2	85674-X121LF		D	2	2	2	2	2	2	
		C	2	1	2	2	2			C	19	19	19	3	3	3			C	67	64	64	64	64			C	4	4	-	2	2	2			C	2	2	2	2	2	2	
		B	2	1	2	2	1			B	19	19	19	3	3	3			B	64	64	64	64	64			B	-	-	-	2	2	2			B	2	2	2	2	2	2	
		A	2	2	2	2	1			A	19	19	19	3	3	3			A	64	64	64	64	64			A	4	4	4	4	4	4			A	2	2	2	2	2	2	
85674-X102		E	4	4	-	2	2	85674-X108		E	3	3	3	19	19	19	85674-X118		E	3	3	3	19	19	19	85674-X118		E	4	4	-	2	2	2	85674-X122		E	4	4	-	2	2	2
85674-X102LF		D	4	4	-	2	2	85674-X108LF		D	3	3	3	19	19	19	85674-X118LF		D	3	3	3	19	19	19	85674-X118LF		D	4	4	-	2	2	2	85674-X122LF		D	4	4	-	2	2	2
		C	4	4	-	2	2			C	3	3	3	19	19	19			C	3	3	3	19	19	19			C	4	4	-	2	2	2			C	4	4	-	2	2	2
		B	-	-	-	2	2			B	3	3	3	19	19	19			B	3	3	3	19	19	19			B	-	-	-	2	2	2			B	-	-	-	2	2	2
		A	4	4	-	2	2			A	3	3	3	19	19	19			A	3	3	3	19	19	19			A	4	4	-	2	2	2			A	4	4	-	2	2	2

mat'l code		tolerances unless otherwise specified		CUSTOMER	
lir	ecm no.	dr	date	COPY	
CH				projection	title
				linear	METRAL SIGNAL HEADER
				angles	1 MOD, 5 ROW PRESS-FIT
				dr	product family
				enrg	METRAL
				chr	code
				appd	213
sheet index	revision			scale	sheet
	sheet			1:1	7

Pro/E	3	4
cage code	22526	




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METRAL P/N		CONTACT CODE MOD.					METRAL P/N		CONTACT CODE MOD.					METRAL P/N		CONTACT CODE MOD.					METRAL P/N		CONTACT CODE MOD.																			
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								
85674-X121	E	6	6	6	5	8	6	85674-X127	E	4	2	2	2	2	2	85674-X133	E	5	9	7	3	1	7	5	9	7	85674-X137	E	2	2	2	2	2	2	85674-X141	E	1	1	1	1	1	1
D	6	6	6	6	6	6	D	4	2	2	2	2	2	D	5	9	7	3	1	7	5	9	7	D	2	2	2	2	2	2	2	D	1	1	3	3	1	1				
C	6	6	6	6	6	6	C	4	2	2	2	2	2	C	5	9	7	3	1	7	5	9	C	-	-	-	-	-	-	-	C	1	1	3	3	1	1					
B	6	6	6	6	6	6	B	4	2	2	2	2	4	B	5	9	7	3	1	7	5	9	B	2	2	2	2	2	2	B	1	1	1	1	1	1						
A	6	6	6	6	6	6	A	4	2	2	2	2	2	A	5	9	7	3	1	7	5	9	A	2	2	2	2	2	1	A	1	1	1	1	1	1						
85674-X121LF	A	6	6	6	6	6	85674-X127LF	A	4	2	2	2	2	2	85674-X133LF	A	5	9	7	3	1	7	5	9	7	85674-X137LF	A	2	2	2	2	2	1	85674-X141LF	A	1	1	1	1	1	1	
85674-X122	E	6	5	6	6	6	6	85674-X128	E	1	9	2	2	2	2	85674-X134	E	2	2	2	2	1	2	85674-X138	E	1	1	1	2	2	2	85674-X142	E	2	2	2	3	2				
D	6	6	6	6	6	6	D	2	2	2	2	2	2	D	2	2	2	2	2	2	2	D	1	1	1	2	2	1	D	2	2	2	3	2								
C	6	6	6	6	6	6	C	2	2	2	2	2	2	C	1	1	1	1	1	1	1	C	2	2	2	2	2	2	C	2	2	2	3	2								
B	6	6	6	6	6	6	B	2	2	2	2	2	2	B	2	2	2	2	2	2	2	B	1	1	1	2	2	2	B	2	2	2	3	2								
A	6	6	6	6	6	6	A	2	1	2	2	2	2	A	2	2	2	2	2	2	2	A	1	1	1	2	2	1	A	2	2	2	3	2								
85674-X122LF	A	6	6	6	6	6	85674-X128LF	A	2	1	2	2	2	2	85674-X134LF	A	2	2	2	2	2	2	85674-X138LF	A	1	1	1	2	2	1	85674-X142LF	A	2	2	2	3	2					
85674-X123	E	2	1	2	2	2	2	85674-X129	E	1	9	2	2	2	2	85674-X135	E	1	1	2	2	3	3	85674-X139	E	3	3	3	3	3	3	85674-X143	E	2	2	2	2	1	9			
D	2	2	2	2	2	2	D	2	2	2	2	2	2	D	1	1	2	2	3	3	3	D	3	3	3	3	3	3	D	2	2	2	2	1	9							
C	2	2	2	2	2	2	C	2	2	2	2	2	2	C	1	1	2	2	3	3	3	C	1	3	3	3	3	3	C	2	2	2	2	1	9							
B	2	2	2	2	2	2	B	1	2	2	2	2	2	B	1	1	2	2	3	3	3	B	3	3	3	3	3	3	B	2	2	2	2	1	9							
A	2	2	2	2	2	2	A	2	1	2	2	2	2	A	1	1	2	2	3	3	3	A	3	3	3	3	3	3	A	2	1	2	2	1	9							
85674-X123LF	A	2	2	2	2	2	85674-X129LF	A	2	1	2	2	2	2	85674-X135LF	A	1	1	2	2	3	3	85674-X139LF	A	3	3	3	3	3	85674-X143LF	A	2	1	2	2	1	9					
85674-X124	E	6	6	6	7	8	8	85674-X130	E	6	6	6	6	6	2	85674-X136	E	2	2	2	2	2	2	85674-X140	E	3	3	2	2	2	2	85674-X144	E	1	2	3	4	5	6			
D	6	6	6	6	6	8	8	D	6	6	6	6	6	2	D	2	2	2	2	2	2	D	3	3	2	2	2	2	D	1	2	3	4	5	6							
C	6	6	6	6	6	8	8	C	6	6	6	6	6	2	C	2	2	2	2	2	2	C	3	3	2	2	2	2	C	1	2	3	4	5	6							
B	6	6	6	6	6	8	8	B	6	6	6	2	6	2	B	2	2	2	2	2	2	B	3	3	2	2	2	2	B	1	2	3	4	5	6							
A	6	6	6	6	6	8	8	A	6	6	6	6	2	A	2	2	2	2	2	2	2	A	3	3	2	2	2	2	A	1	2	3	4	5	6							
85674-X124LF	A	6	6	6	6	8	8	85674-X130LF	A	6	6	6	6	2	85674-X136LF	A	2	2	2	2	2	2	85674-X140LF	A	3	3	2	2	2	2	85674-X144LF	A	1	2	3	4	5	6				
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lir	ecn no.	dr	date	linear	0.1 ± 0.3	projection	MM	title	METRAL SIGNAL HEADER						
CH				angles	0.1X ± 0.13	scale	1:1	product family	METRAL						
				dr	T.BRUNGARD 11/19/99	size	A	dwg no	85674						
				engr	M.STRAWER 11/19/99	sheet	8	code	22526						
				chr	M.STRAWER 11/19/99	revision									
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 <p style="font-size: 8px; margin-top: 5px;">This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of this information may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, without the written consent of FCI. Copyright FCI.</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><th>METRAL P/N</th><th>ROW</th><th colspan="5">CONTACT CODE MOD.</th></tr> <tr><td rowspan="4">85674-X145</td><td>E</td><td>3</td><td>3</td><td>3</td><td>3</td><td>2</td><td>1</td></tr> <tr><td>D</td><td>3</td><td>3</td><td>3</td><td>3</td><td>2</td><td>1</td></tr> <tr><td>C</td><td>3</td><td>3</td><td>3</td><td>3</td><td>2</td><td>1</td></tr> <tr><td>B</td><td>3</td><td>3</td><td>3</td><td>3</td><td>2</td><td>1</td></tr> <tr><td>85674-X145LF</td><td>A</td><td>3</td><td>3</td><td>3</td><td>3</td><td>2</td><td>1</td></tr> </table>	METRAL P/N	ROW	CONTACT CODE MOD.					85674-X145	E	3	3	3	3	2	1	D	3	3	3	3	2	1	C	3	3	3	3	2	1	B	3	3	3	3	2	1	85674-X145LF	A	3	3	3	3	2	1	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><th>METRAL P/N</th><th>ROW</th><th colspan="5">CONTACT CODE MOD.</th></tr> <tr><td rowspan="4">85674-X151</td><td>E</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td></tr> <tr><td>D</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>5</td></tr> <tr><td>C</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td></tr> <tr><td>B</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td></tr> <tr><td>85674-X151LF</td><td>A</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td></tr> </table>	METRAL P/N	ROW	CONTACT CODE MOD.					85674-X151	E	6	6	6	6	6	6	D	6	6	6	6	6	5	C	6	6	6	6	6	6	B	6	6	6	6	6	6	85674-X151LF	A	6	6	6	6	6	6	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><th>METRAL P/N</th><th>ROW</th><th colspan="5">CONTACT CODE MOD.</th></tr> <tr><td rowspan="4">85674-X157</td><td>E</td><td>3</td><td>3</td><td>3</td><td>3</td><td>1</td><td>3</td></tr> <tr><td>D</td><td>3</td><td>3</td><td>3</td><td>3</td><td>1</td><td>3</td></tr> <tr><td>C</td><td>3</td><td>3</td><td>3</td><td>3</td><td>1</td><td>3</td></tr> <tr><td>B</td><td>3</td><td>3</td><td>3</td><td>3</td><td>1</td><td>3</td></tr> <tr><td>85674-X157LF</td><td>A</td><td>3</td><td>3</td><td>3</td><td>3</td><td>1</td><td>3</td></tr> </table>	METRAL P/N	ROW	CONTACT CODE MOD.					85674-X157	E	3	3	3	3	1	3	D	3	3	3	3	1	3	C	3	3	3	3	1	3	B	3	3	3	3	1	3	85674-X157LF	A	3	3	3	3	1	3	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><th>METRAL P/N</th><th>ROW</th><th colspan="5">CONTACT CODE MOD.</th></tr> <tr><td rowspan="4">85674-X161</td><td>E</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>D</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>C</td><td>1</td><td>9</td><td>1</td><td>9</td><td>1</td><td>9</td><td>3</td></tr> <tr><td>B</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>85674-X161LF</td><td>A</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td></tr> </table>	METRAL P/N	ROW	CONTACT CODE MOD.					85674-X161	E	3	3	3	3	3	3	D	3	3	3	3	3	3	C	1	9	1	9	1	9	3	B	3	3	3	3	3	3	85674-X161LF	A	3	3	3	3	3	3																																																																																									
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<p>PRODUCT NUMBER 85674-XYX OR 85674-XYXX 85674-XYXLF OR 85674-XYXXLF</p>	<p>NOTES:</p> <ol style="list-style-type: none"> 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: 85674-XYX IS SnPb 85674-XYXLF IS Sn (LEAD FREE) PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE BELOW. 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: XXXX-XXXX PRODUCT SPECIFICATION GS-12-180 APPLICATION SPECIFICATION BUS-20-073 AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL. THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008. <p>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, INFRARED 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.</p>																																																																																																																																																				
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<p>FCI</p> <p style="font-size: small;">This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown or described herein may be used, copied, or disclosed to others without the written consent of FCI. Copyright FCI.</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">mat'l code</td> <td colspan="2">--</td> <td colspan="2">tolerances unless otherwise specified</td> <td colspan="2">CUSTOMER</td> <td colspan="2" style="text-align: center;">FCI</td> </tr> <tr> <td>lir</td> <td>ecm no.</td> <td>dr</td> <td>date</td> <td>linear</td> <td>0.X ±0.3</td> <td colspan="2">COPY</td> <td colspan="2" style="text-align: right;">www.fciconnect.com</td> </tr> <tr> <td>CH</td> <td></td> <td></td> <td></td> <td>angles</td> <td>0.XX ±0.13</td> <td colspan="2">projection</td> <td colspan="2">title</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>dr</td> <td>.XXX ±.051</td> <td colspan="2" rowspan="2" style="text-align: center;"> </td> <td colspan="2" rowspan="2">METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>eng</td> <td>0° ±2°</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>chr</td> <td></td> <td colspan="2" rowspan="2" style="text-align: center;"> </td> <td colspan="2">product family</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>appd</td> <td></td> <td colspan="2">METRAL</td> <td colspan="2">code</td> </tr> <tr> <td>sheet index</td> <td>revision sheet</td> <td></td> <td></td> <td></td> <td></td> <td colspan="2">scale</td> <td colspan="2">size</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td colspan="2">1:1</td> <td colspan="2">dwg no</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2">85674</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2">213</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2">sheet</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2">10</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2">cage code</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2">22526</td> </tr> </table>			mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCI		lir	ecm no.	dr	date	linear	0.X ±0.3	COPY		www.fciconnect.com		CH				angles	0.XX ±0.13	projection		title						dr	.XXX ±.051			METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT						eng	0° ±2°					chr				product family						appd		METRAL		code		sheet index	revision sheet					scale		size								1:1		dwg no										85674										213										sheet										10										cage code										22526	
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