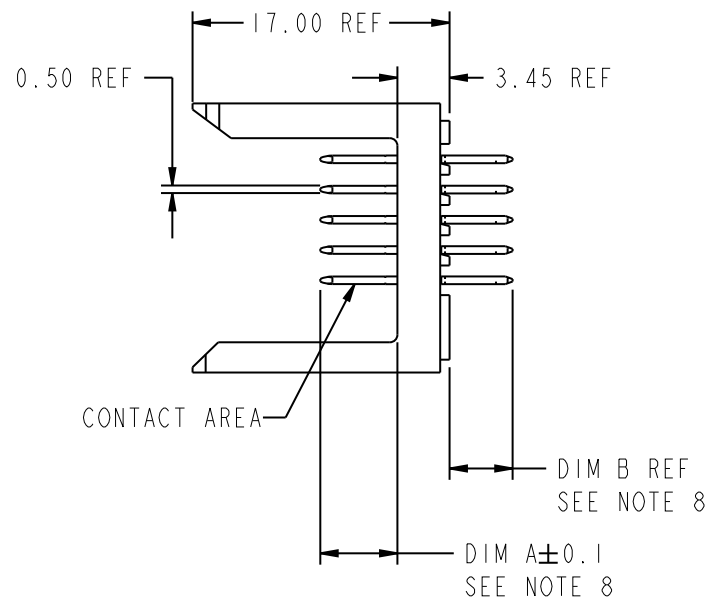
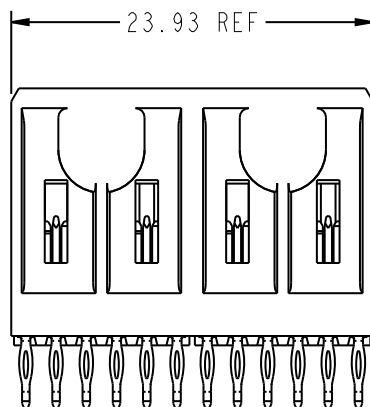
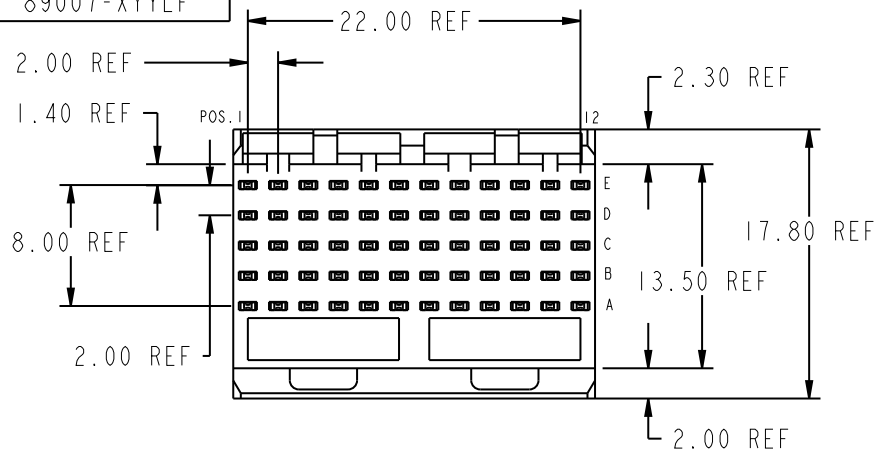
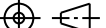
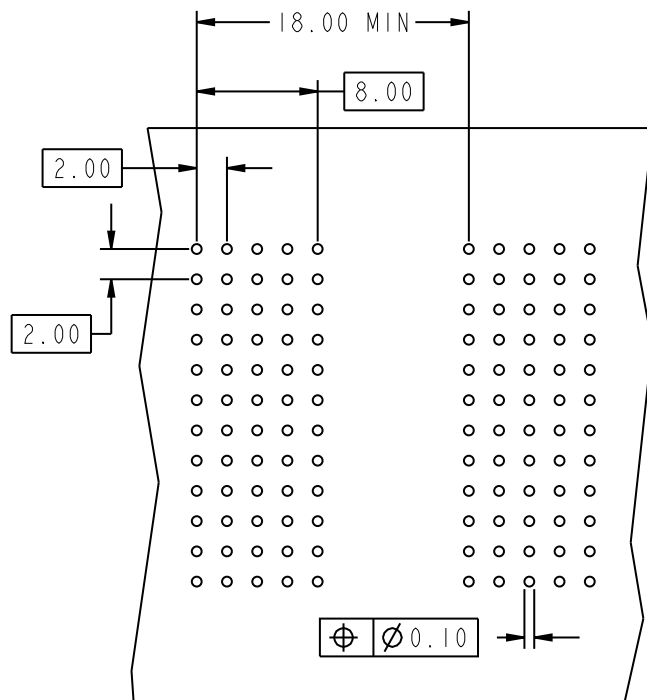




PRODUCT NUMBER
89007-XY
89007-XYLF



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 2 MOD, 5 ROW PRESS-FIT				
T	V06-0119	LP	2006/04/24		0. XX ±0.13													
U	DG09-0256	TER	2009-08-19		. XXX ±.051													
-	-	-	-	angles	0° ±2°													
N	V03-1321	DAI	01/15/04	dr	T.BRUNGARD		11/19/99						product family		METRAL		code	
P	V04-0459	LP	5/25/04	enrg	M.STRAWER		11/19/99						size		dwg no		213	
R	V05-0030	DAI	02/10/05	chr	M.STRAWER		11/19/99		scale 2:1				A		89007		sheet 1 of 1	
S	V05-0235	LP	3/30/05	appd	M.STRAWER		02/29/00											
sheet index		revision		U	U	U	U	U	U	U	U	U	U	U	U	U	U	
sheet		sheet		1	2	3	4	5	6	7	8	9	10	11				



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

KEY (SIGNAL PF)

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
16	7.00	4.30
17	7.00	13.60
18	7.00	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		FCI		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	0.X ±0.3	projection	COPY	size	dwg no	product family	code
U					0.XX ±0.13						
					.XXX ±.051						
				angles	0° ±2°	MM	scale	A	89007	METRAL	213
				dr	T.BRUNGARD 11/19/99						
				enr	M.STRAWSER 11/19/99						
				chr	M.STRAWSER 11/19/99	1:1					sheet
				appd	M.STRAWSER 02/29/00						
sheet index	revision sheet										

cage code 22526

Pro/E

PDM: Rev:U

STATUS:Released

Printed: Dec 01, 2009



METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X10 SEE NOTE10 LEAD FREE OPTION	E	1	1	1	1	1	1	1	1	1	1
	D	1	1	1	1	1	1	1	1	1	1
	C	1	1	1	1	1	1	1	1	1	1
	B	1	1	1	1	1	1	1	1	1	1
	A	1	1	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X11 SEE NOTE10 LEAD FREE OPTION	E	3	3	3	3	3	3	3	3	3	3
	D	3	3	3	3	3	3	3	3	3	3
	C	3	3	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X12 SEE NOTE10 LEAD FREE OPTION	E	4	4	4	4	4	4	4	4	4	4
	D	3	3	3	3	3	3	3	3	3	3
	C	3	3	3	3	3	3	3	3	3	3
	B	1	1	1	1	1	1	1	1	1	1
	A	1	1	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X13 SEE NOTE10 LEAD FREE OPTION	E	4	4	4	4	4	4	4	4	4	4
	D	19	19	19	19	19	19	19	19	19	19
	C	4	4	4	4	4	4	4	4	4	4
	B	4	4	4	4	4	4	4	4	4	4
	A	4	4	4	4	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X14 SEE NOTE10 LEAD FREE OPTION	E	4	4	4	4	4	4	4	4	4	4
	D	3	3	3	3	3	3	3	3	3	3
	C	4	4	4	4	4	4	4	4	4	4
	B	4	4	4	4	4	4	4	4	4	4
	A	4	4	4	4	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X15 SEE NOTE10 LEAD FREE OPTION	E	1	1	1	1	1	1	1	1	1	1
	D	1	1	1	1	1	1	1	1	1	1
	C	1	1	1	1	1	1	1	1	1	1
	B	1	1	1	1	1	1	1	1	1	1
	A	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X16 SEE NOTE10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X17 SEE NOTE10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2
	A	19	19	19	19	19	19	19	19	19	19

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X19 SEE NOTE10 LEAD FREE OPTION	E	4	4	4	4	4	4	4	4	4	4
	D	4	4	4	4	4	4	4	4	4	4
	C	4	4	4	4	4	4	4	4	4	4
	B	4	4	4	4	4	4	4	4	4	4
	A	4	4	4	4	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X20 SEE NOTE10 LEAD FREE OPTION	E	5	5	5	5	5	5	5	5	5	5
	D	5	5	5	5	5	5	5	5	5	5
	C	5	5	5	5	5	5	5	5	5	5
	B	5	5	5	5	5	5	5	5	5	5
	A	5	5	5	5	5	5	5	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X21 SEE NOTE10 LEAD FREE OPTION	E	7	7	7	7	7	7	7	7	7	7
	D	7	7	7	7	7	7	7	7	7	7
	C	7	7	7	7	7	7	7	7	7	7
	B	7	7	7	7	7	7	7	7	7	7
	A	7	7	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X22 SEE NOTE10 LEAD FREE OPTION	E	8	8	8	8	8	8	8	8	8	8
	D	7	7	7	7	7	7	7	7	7	7
	C	7	7	7	7	7	7	7	7	7	7
	B	5	5	5	5	5	5	5	5	5	5
	A	5	5	5	5	5	5	5	5	5	5

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCJ						
lfr	ecr no.	dr	date	linear	0.X ±0.3	projection	COPY	www.fcjconnect.com						
U					0.XX ±0.13				title	METRAL SIGNAL HEADER				
					.XXX ±.051					2 MOD, 5 ROW PRESS-FIT				
				angles	0° ±2°		scale	product family	METRAL					
				dr	T.BRUNGARD					11/19/99	size	dwg no		
				enrg	M.STRAWSER					11/19/99			A	89007
				chr	M.STRAWSER					11/19/99				
				appd	M.STRAWSER	02/29/00	3							
sheet	revision								cage code	22526				
index	sheet										4			



METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X23 SEE NOTE10 LEAD FREE OPTION	E	8	8	8	8	8	8	8	8	8	8
	D	20	20	20	20	20	20	20	20	20	20
	C	8	8	8	8	8	8	8	8	8	8
	B	8	8	8	8	8	8	8	8	8	8
	A	8	8	8	8	8	8	8	8	8	8

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X24 SEE NOTE10 LEAD FREE OPTION	E	8	8	8	8	8	8	8	8	8	8
	D	7	7	7	7	7	7	7	7	7	7
	C	8	8	8	8	8	8	8	8	8	8
	B	8	8	8	8	8	8	8	8	8	8
	A	8	8	8	8	8	8	8	8	8	8

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X25 SEE NOTE10 LEAD FREE OPTION	E	5	5	5	5	5	5	5	5	5	5
	D	5	5	5	5	5	5	5	5	5	5
	C	5	5	5	5	5	5	5	5	5	5
	B	5	5	5	5	5	5	5	5	5	5
	A	7	7	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X26 SEE NOTE10 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	6	6
	D	6	6	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6	6	6
	A	6	6	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X27 SEE NOTE10 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	6	6
	D	6	6	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6	6	6
	A	20	20	20	20	20	20	20	20	20	20

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X29 SEE NOTE10 LEAD FREE OPTION	E	8	8	8	8	8	8	8	8	8	8
	D	8	8	8	8	8	8	8	8	8	8
	C	8	8	8	8	8	8	8	8	8	8
	B	8	8	8	8	8	8	8	8	8	8
	A	8	8	8	8	8	8	8	8	8	8

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X30 SEE NOTE10 LEAD FREE OPTION	E	9	9	9	9	9	9	9	9	9	9
	D	9	9	9	9	9	9	9	9	9	9
	C	9	9	9	9	9	9	9	9	9	9
	B	9	9	9	9	9	9	9	9	9	9
	A	9	9	9	9	9	9	9	9	9	9

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X31 SEE NOTE10 LEAD FREE OPTION	E	11	11	11	11	11	11	11	11	11	11
	D	11	11	11	11	11	11	11	11	11	11
	C	11	11	11	11	11	11	11	11	11	11
	B	11	11	11	11	11	11	11	11	11	11
	A	11	11	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X32 SEE NOTE10 LEAD FREE OPTION	E	12	12	12	12	12	12	12	12	12	12
	D	11	11	11	11	11	11	11	11	11	11
	C	11	11	11	11	11	11	11	11	11	11
	B	9	9	9	9	9	9	9	9	9	9
	A	9	9	9	9	9	9	9	9	9	9

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X33 SEE NOTE10 LEAD FREE OPTION	E	12	12	12	12	12	12	12	12	12	12
	D	21	21	21	21	21	21	21	21	21	21
	C	12	12	12	12	12	12	12	12	12	12
	B	12	12	12	12	12	12	12	12	12	12
	A	12	12	12	12	12	12	12	12	12	12

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X34 SEE NOTE10 LEAD FREE OPTION	E	12	12	12	12	12	12	12	12	12	12
	D	11	11	11	11	11	11	11	11	11	11
	C	12	12	12	12	12	12	12	12	12	12
	B	12	12	12	12	12	12	12	12	12	12
	A	12	12	12	12	12	12	12	12	12	12

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X35 SEE NOTE10 LEAD FREE OPTION	E	9	9	9	9	9	9	9	9	9	9
	D	9	9	9	9	9	9	9	9	9	9
	C	9	9	9	9	9	9	9	9	9	9
	B	9	9	9	9	9	9	9	9	9	9
	A	11	11	11	11	11	11	11	11	11	11

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCJ	
lfr	ecr no.	dr	date	linear	0.X ±0.3	projection	COPY	title	www.fcjconnect.com
U					0.XX ±0.13				
					.XXX ±.051				
				angles	0° ±2°				
				dr	T.BRUNGARD 11/19/99				
				enrg	M.STRAWSER 11/19/99				
					chr	M.STRAWSER 11/19/99	scale	A	89007
					appd	M.STRAWSER 02/29/00			
sheet	revision								
index	sheet								



METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X36 SEE NOTE10 LEAD FREE OPTION	E	10	10	10	10	10	10	10	10	10	10
	D	10	10	10	10	10	10	10	10	10	10
	C	10	10	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10	10	10
	A	10	10	10	10	10	10	10	10	10	10

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X37 SEE NOTE10 LEAD FREE OPTION	E	10	10	10	10	10	10	10	10	10	10
	D	10	10	10	10	10	10	10	10	10	10
	C	10	10	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10	10	10
	A	21	21	21	21	21	21	21	21	21	21

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X39 SEE NOTE10 LEAD FREE OPTION	E	12	12	12	12	12	12	12	12	12	12
	D	12	12	12	12	12	12	12	12	12	12
	C	12	12	12	12	12	12	12	12	12	12
	B	12	12	12	12	12	12	12	12	12	12
	A	12	12	12	12	12	12	12	12	12	12

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X40 SEE NOTE10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2
	B	4	4	4	4	4	4	4	4	4	4
	A	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X41 SEE NOTE10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2
	D	1	1	1	1	1	1	1	1	1	1
	C	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2
	A	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X42 SEE NOTE10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2
	D	4	4	4	4	4	4	4	4	4	4
	C	4	4	4	4	4	4	4	4	4	4
	B	3	3	3	3	3	3	3	3	3	3
	A	4	4	4	4	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X43 SEE NOTE10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2
	A	4	4	4	4	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X44 SEE NOTE10 LEAD FREE OPTION	E	1	1	1	1	1	1	1	1	1	1
	D	3	3	3	3	3	3	3	3	3	3
	C	4	4	4	4	4	4	4	4	4	4
	B	3	3	3	3	3	3	3	3	3	3
	A	1	1	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X45 SEE NOTE10 LEAD FREE OPTION	E	1	1	1	1	1	1	1	1	1	1
	D	19	19	19	19	19	19	19	19	19	19
	C	1	1	1	1	1	1	1	1	1	1
	B	19	19	19	19	19	19	19	19	19	19
	A	1	1	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X46 SEE NOTE10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2
	C	4	4	4	4	4	4	4	4	4	4
	B	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X47 SEE NOTE10 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2
	D	3	3	3	3	3	3	3	3	3	3
	C	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2
	A	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X48 SEE NOTE10 LEAD FREE OPTION	E	19	19	19	19	19	19	19	19	19	19
	D	19	19	19	19	19	19	19	19	19	19
	C	19	19	19	19	19	19	19	19	19	19
	B	19	19	19	19	19	19	19	19	19	19
	A	19	19	19	19	19	19	19	19	19	19

mat'l code				tolerances unless otherwise specified				CUSTOMER		FCJ	
lfr	ecn no.	dr	date	linear	0.X ±0.3			projection	COPY		www.fciconnect.com
U					0.XX ±0.13				title		
					.XXX ±.051				METRAL SIGNAL HEADER		
				angles	0° ±2°				2 MOD, 5 ROW PRESS-FIT		
				dr	T.BRUNGARD	11/19/99			product family		
				engr	M.STRAWSER	11/19/99			METRAL		
				chr	M.STRAWSER	11/19/99		code			
				appd	M.STRAWSER	02/29/00	scale	size		213	
							1:1	dwg no		5	
sheet	revision							A		89007	
index	sheet										



METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X49 SEE NOTE10 LEAD FREE OPTION	E	4	4	4	4	4	4	4	4	4	4
	D	3	3	3	3	3	3	3	3	3	3
	C	3	3	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3	3	3
	A	19	19	19	19	19	19	19	19	19	19

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X50 SEE NOTE10 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	6	6
	D	6	6	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6	6	6
	B	8	8	8	8	8	8	8	8	8	8
	A	6	6	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X51 SEE NOTE10 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	6	6
	D	5	5	5	5	5	5	5	5	5	5
	C	6	6	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6	6	6
	A	7	7	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X52 SEE NOTE10 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	6	6
	D	8	8	8	8	8	8	8	8	8	8
	C	8	8	8	8	8	8	8	8	8	8
	B	7	7	7	7	7	7	7	7	7	7
	A	8	8	8	8	8	8	8	8	8	8

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X53 SEE NOTE10 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	6	6
	D	6	6	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6	6	6
	A	8	8	8	8	8	8	8	8	8	8

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X54 SEE NOTE10 LEAD FREE OPTION	E	5	5	5	5	5	5	5	5	5	5
	D	7	7	7	7	7	7	7	7	7	7
	C	8	8	8	8	8	8	8	8	8	8
	B	7	7	7	7	7	7	7	7	7	7
	A	5	5	5	5	5	5	5	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X55 SEE NOTE10 LEAD FREE OPTION	E	5	5	5	5	5	5	5	5	5	5
	D	20	20	20	20	20	20	20	20	20	20
	C	5	5	5	5	5	5	5	5	5	5
	B	20	20	20	20	20	20	20	20	20	20
	A	5	5	5	5	5	5	5	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X56 SEE NOTE10 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	6	6
	D	6	6	6	6	6	6	6	6	6	6
	C	8	8	8	8	8	8	8	8	8	8
	B	6	6	6	6	6	6	6	6	6	6
	A	6	6	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X57 SEE NOTE10 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	6	6
	D	7	7	7	7	7	7	7	7	7	7
	C	6	6	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6	6	6
	A	7	7	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X58 SEE NOTE10 LEAD FREE OPTION	E	20	20	20	20	20	20	20	20	20	20
	D	20	20	20	20	20	20	20	20	20	20
	C	20	20	20	20	20	20	20	20	20	20
	B	20	20	20	20	20	20	20	20	20	20
	A	20	20	20	20	20	20	20	20	20	20

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X59 SEE NOTE10 LEAD FREE OPTION	E	8	8	8	8	8	8	8	8	8	8
	D	7	7	7	7	7	7	7	7	7	7
	C	7	7	7	7	7	7	7	7	7	7
	B	7	7	7	7	7	7	7	7	7	7
	A	20	20	20	20	20	20	20	20	20	20

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X60 SEE NOTE10 LEAD FREE OPTION	E	10	10	10	10	10	10	10	10	10	10
	D	10	10	10	10	10	10	10	10	10	10
	C	10	10	10	10	10	10	10	10	10	10
	B	12	12	12	12	12	12	12	12	12	12
	A	10	10	10	10	10	10	10	10	10	10

mat'l code				tolerances unless otherwise specified				CUSTOMER		FCJ www.fcjconnect.com	
lfr	ecr no.	dr	date	linear	0.X ±0.3			projection	COPY		
U					0.XX ±0.13				title		
					.XXX ±.051				METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT		
				angles	0° ±2°			 MM 1:1	product family		code
				dr	T.BRUNGARD	11/19/99	METRAL		213		
				enrg	M.STRAWSER	11/19/99	size		6		
				chr	M.STRAWSER	11/19/99	dwg no		89007		
				appd	M.STRAWSER	02/29/00	A		6		
sheet index	revision	sheet									



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<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">METRAL P/N</th> <th rowspan="2">ROW</th> <th colspan="5">CONTACT CODE MOD. 1</th> <th colspan="5">MOD. 2</th> </tr> <tr> <th>1</th><th>2</th><th>3</th><th>4</th><th>5</th> <th>6</th><th>7</th><th>8</th><th>9</th><th>10</th><th>11</th><th>12</th> </tr> </thead> <tbody> <tr><td rowspan="5">89007-X61 SEE NOTE10 LEAD FREE OPTION</td><td>E</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td></tr> <tr><td>D</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td></tr> <tr><td>C</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td></tr> <tr><td>B</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td><td>10</td></tr> <tr><td>A</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td></tr> </tbody> </table>												METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					1	2	3	4	5	6	7	8	9	10	11	12	89007-X61 SEE NOTE10 LEAD FREE OPTION	E	10	10	10	10	10	10	10	10	10	10	10	10	D	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	B	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	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">METRAL P/N</th> <th rowspan="2">ROW</th> <th colspan="5">CONTACT CODE MOD. 1</th> <th colspan="5">MOD. 2</th> </tr> <tr> <th>1</th><th>2</th><th>3</th><th>4</th><th>5</th> <th>6</th><th>7</th><th>8</th><th>9</th><th>10</th><th>11</th><th>12</th> </tr> </thead> <tbody> <tr><td rowspan="5">89007-X65 SEE NOTE10 LEAD FREE OPTION</td><td>E</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td></tr> <tr><td>D</td><td>21</td><td>21</td><td>21</td><td>21</td><td>21</td><td>21</td><td>21</td><td>21</td><td>21</td><td>21</td><td>21</td><td>21</td></tr> <tr><td>C</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td></tr> <tr><td>B</td><td>21</td><td>21</td><td>21</td><td>21</td><td>21</td><td>21</td><td>21</td><td>21</td><td>21</td><td>21</td><td>21</td><td>21</td></tr> <tr><td>A</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td></tr> </tbody> </table>												METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					1	2	3	4	5	6	7	8	9	10	11	12	89007-X65 SEE NOTE10 LEAD FREE OPTION	E	9	9	9	9	9	9	9	9	9	9	9	9	D	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	B	21	21	21	21	21	21	21	21	21	21	21	21	A	9	9	9	9	9	9	9	9	9	9	9	9	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">METRAL P/N</th> <th rowspan="2">ROW</th> <th colspan="5">CONTACT CODE MOD. 1</th> <th colspan="5">MOD. 2</th> </tr> <tr> <th>1</th><th>2</th><th>3</th><th>4</th><th>5</th> <th>6</th><th>7</th><th>8</th><th>9</th><th>10</th><th>11</th><th>12</th> </tr> </thead> <tbody> <tr><td rowspan="5">89007-X69 SEE NOTE10 LEAD FREE OPTION</td><td>E</td><td>12</td><td>12</td><td>12</td><td>12</td><td>12</td><td>12</td><td>12</td><td>12</td><td>12</td><td>12</td><td>12</td><td>12</td></tr> <tr><td>D</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td></tr> <tr><td>C</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td></tr> <tr><td>B</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td></tr> <tr><td>A</td><td>21</td><td>21</td><td>21</td><td>21</td><td>21</td><td>21</td><td>21</td><td>21</td><td>21</td><td>21</td><td>21</td><td>21</td></tr> </tbody> </table>												METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					1	2	3	4	5	6	7	8	9	10	11	12	89007-X69 SEE NOTE10 LEAD FREE OPTION	E	12	12	12	12	12	12	12	12	12	12	12	12	D	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	B	11	11	11	11	11	11	11	11	11	11	11	11	A	21	21	21	21	21	21	21	21	21	21	21	21
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mat'l code				tolerances unless otherwise specified				CUSTOMER		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	0.X ±0.3			COPY			
U					0.XX ±0.13			projection			
					.XXX ±.051						
				angles	0° ±2°						
				dr	T.BRUNGARD	11/19/99			title METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT		
				engr	M.STRAWSER	11/19/99					
				chr	M.STRAWSER	11/19/99			product family METRAL		
				appd	M.STRAWSER	02/29/00					
sheet		revision						size		dwg no	
index		sheet						A		89007	
										code	
										213	
										sheet	
										7	



METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X73 SEE NOTE10 LEAD FREE OPTION	E	4	4	4	4	4	4	4	4	4	4
	D	4	4	4	4	4	4	4	4	4	4
	C	4	4	4	4	4	4	4	4	4	4
	B	4	4	4	4	4	4	4	4	4	4
	A	13	13	13	13	13	13	13	13	13	13

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X74 SEE NOTE10 LEAD FREE OPTION	E	13	13	13	13	13	13	13	13	13	13
	D	4	4	4	4	4	4	4	4	4	4
	C	3	3	3	3	3	3	3	3	3	3
	B	4	4	4	4	4	4	4	4	4	4
	A	13	13	13	13	13	13	13	13	13	13

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X75 SEE NOTE10 LEAD FREE OPTION	E	3	3	3	3	3	3	3	3	3	3
	D	3	3	3	3	3	3	3	3	3	3
	C	2	2	2	2	2	2	2	2	2	2
	B	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X76 SEE NOTE10 LEAD FREE OPTION	E	1	1	1	1	1	1	1	1	1	1
	D	1	1	1	1	1	1	1	1	1	1
	C	1	1	1	1	1	1	1	1	1	1
	B	1	1	1	1	1	1	1	1	1	1
	A	4	4	4	4	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X77 SEE NOTE10 LEAD FREE OPTION	E	3	3	3	3	3	3	3	3	3	3
	D	19	19	19	19	19	19	19	19	19	19
	C	4	4	4	4	4	4	4	4	4	4
	B	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X78 SEE NOTE10 LEAD FREE OPTION	E	13	13	13	13	13	13	13	13	13	13
	D	16	16	16	16	16	16	16	16	16	16
	C	2	2	2	2	2	2	2	2	2	2
	B	16	16	16	16	16	16	16	16	16	16
	A	13	13	13	13	13	13	13	13	13	13

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X79 SEE NOTE10 LEAD FREE OPTION	E	3	3	3	3	3	3	3	3	3	3
	D	3	3	3	3	3	3	3	3	3	3
	C	4	4	4	4	4	4	4	4	4	4
	B	19	19	19	19	19	19	19	19	19	19
	A	4	4	4	4	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X80 SEE NOTE10 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	6	6
	D	6	6	6	6	6	6	6	6	6	6
	C	7	7	7	7	7	7	7	7	7	7
	B	6	6	6	6	6	6	6	6	6	6
	A	6	6	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X81 SEE NOTE10 LEAD FREE OPTION	E	7	7	7	7	7	7	7	7	7	7
	D	20	20	20	20	20	20	20	20	20	20
	C	7	7	7	7	7	7	7	7	7	7
	B	20	20	20	20	20	20	20	20	20	20
	A	7	7	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X82 SEE NOTE10 LEAD FREE OPTION	E	20	20	20	20	20	20	20	20	20	20
	D	5	5	5	5	5	5	5	5	5	5
	C	5	5	5	5	5	5	5	5	5	5
	B	5	5	5	5	5	5	5	5	5	5
	A	20	20	20	20	20	20	20	20	20	20

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X83 SEE NOTE10 LEAD FREE OPTION	E	8	8	8	8	8	8	8	8	8	8
	D	8	8	8	8	8	8	8	8	8	8
	C	8	8	8	8	8	8	8	8	8	8
	B	8	8	8	8	8	8	8	8	8	8
	A	14	14	14	14	14	14	14	14	14	14

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89007-X84 SEE NOTE10 LEAD FREE OPTION	E	14	14	14	14	14	14	14	14	14	14
	D	8	8	8	8	8	8	8	8	8	8
	C	7	7	7	7	7	7	7	7	7	7
	B	8	8	8	8	8	8	8	8	8	8
	A	14	14	14	14	14	14	14	14	14	14

mat'l code				tolerances unless otherwise specified				CUSTOMER		FCJ www.fcjconnect.com	
lfr	ecr no.	dr	date	linear	0.X ±0.3			projection	COPY		
U					0.XX ±0.13				title		
					.XXX ±.051				METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT		
				angles	0° ±2°			MM scale 1:1	product family		code
				dr	T.BRUNGARD	11/19/99	METRAL		213		
				enrg	M.STRAWSER	11/19/99	size		sheet		
				chr	M.STRAWSER	11/19/99	A		89007		8
				appd	M.STRAWSER	02/29/00					
sheet index	revision sheet										

[illegible]

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X86 SEE NOTE 10 LEAD FREE OPTION	E	5	5	5	5	5	5	5	5	5	5	5	5
	D	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
	B	5	5	5	5	5	5	5	5	5	5	5	5
	A	8	8	8	8	8	8	8	8	8	8	8	8

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METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X90 SEE NOTE 10 LEAD FREE OPTION	E	10	10	10	10	10	10	10	10	10	10	10	10
	D	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
	B	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

[illegible]

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X92 SEE NOTE 10 LEAD FREE OPTION	E	2	1	2	1	2	1	2	1	2	1	2	1
	D	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
	B	9	9	9	9	9	9	9	9	9	9	9	9
	A	2	1	2	1	2	1	2	1	2	1	2	1

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	
89007-X93 SEE NOTE 10 LEAD FREE OPTION	E	12	12	12	12	12	12	12	12	12	12	12	
	D	12	12	12	12	12	12	12	12	12	12	12	
	C	12	12	12	12	12	12	12	12	12	12	12	
	B	12	12	12	12	12	12	12	12	12	12	12	
	A	15	15	15	15	15	15	15	15	15	15	15	

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	
89007-X94 SEE NOTE 10 LEAD FREE OPTION	E	15	15	15	15	15	15	15	15	15	15	15	
	D	12	12	12	12	12	12	12	12	12	12	12	
	C	11	11	11	11	11	11	11	11	11	11	11	
	B	12	12	12	12	12	12	12	12	12	12	12	
	A	15	15	15	15	15	15	15	15	15	15	15	

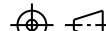
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mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com				
lfr	ecn no.	dr	date	linear	0. X ± 0.3	projection		title	METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT			
U					0. XX ± 0.13							
					.XXX $\pm .051$							
				angles	0° $\pm 2^\circ$		scale	product family	METRAL		code	
			dr	T.BRUNGARD	11/19/99				size	dwg no	213	
			enrg	M. STRAWSER	11/19/99							
			chr	M. STRAWSER	11/19/99							
				appd	M. STRAWSER	02/29/00		A	89007		sheet 9	
sheet index		revision sheet										



METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X97 SEE NOTE 10 LEAD FREE OPTION	E	11	11	11	11	11	11	11	11	11	11	11	11
	D	21	21	21	21	21	21	21	21	21	21	21	21
	C	12	12	12	12	12	12	12	12	12	12	12	12
	B	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
METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X98 SEE NOTE 10 LEAD FREE OPTION	E	15	15	15	15	15	15	15	15	15	15	15	15
	D	18	18	18	18	18	18	18	18	18	18	18	18
	C	10	10	10	10	10	10	10	10	10	10	10	10
	B	18	18	18	18	18	18	18	18	18	18	18	18
	A	15	15	15	15	15	15	15	15	15	15	15	15
METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89007-X99 SEE NOTE 10 LEAD FREE OPTION	E	11	11	11	11	11	11	11	11	11	11	11	11
	D	11	11	11	11	11	11	11	11	11	11	11	11
	C	12	12	12	12	12	12	12	12	12	12	12	12
	B	18	18	18	18	18	18	18	18	18	18	18	18
	A	21	21	21	21	21	21	21	21	21	21	21	21

mat'l code				--		tolerances unless otherwise specified		CUSTOMER				www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0. X $\pm$ 0.3		COPY			title METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT			
U					0. XX $\pm$ 0.13		projection						
					.XXX $\pm$.051								
				angles	0° $\pm$ 2°				product family		METRAL		code
				dr	T.BRUNGARD 11/19/99		scale 1:1		size		dwg no		213
				enrg	M.STRAWSE 11/19/99				A		89007		sheet
				chr	M.STRAWSE 11/19/99								10
				appd	M.STRAWSE 02/29/00								
sheet index	revision sheet												



PRODUCT NUMBER
89007-XYX
89007-XYXLF

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:
89007-XYX IS SnPb
89007-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.
- THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE
EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS
AS DESCRIBED IN GS-22-008.

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.

- FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX.
EXAMPLE: 89007-X01LF

- REFER TO 85832 FOR OTHER LOAD VARIATIONS.

PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-PYY	0.25 um GOLD MIN.	-
-NIYY	TELCORDIA CO (NXT)	-
-N5YY	TELCORDIA UE (NXT)	-
-IYY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS I	-
-5YY	TELCORDIA UE	-
-NIYYLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 9
-N5YYLF	TELCORDIA UE (NXT)	SEE NOTE 9
-IYYLF	TELCORDIA CO IEC CLASS I	SEE NOTE 9
-2YYLF	TELECOM CLASS	SEE NOTE 9
-5YYLF	TELCORDIA UE	SEE NOTE 9

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecn no.	dr	date	linear	0.X ±0.3	projection	COPY	www.fciconnect.com	
U					0.XX ±0.13				
					.XXX ±.051				
				angles	0° ±2°	MM	scale	title METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT	
				dr	T.BRUNGARD 11/19/99				
				enrg	M.STRAWSE 11/19/99				
				chr	M.STRAWSE 11/19/99	A	size	product family METRAL	
				appd	M.STRAWSE 02/29/00				
sheet	revision							dwg no 89007	
index	sheet								
								code 213	sheet 11

cage code 22526

Pro/E

3

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PDM: Rev:U

STATUS: Released

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