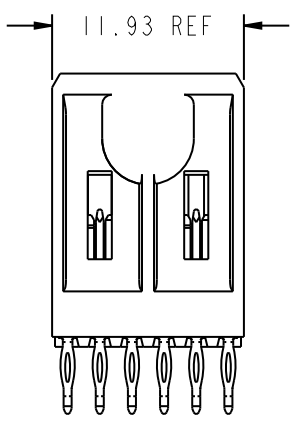
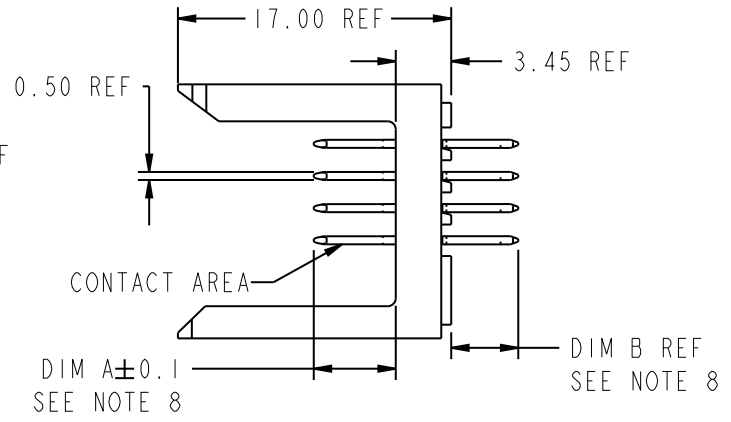
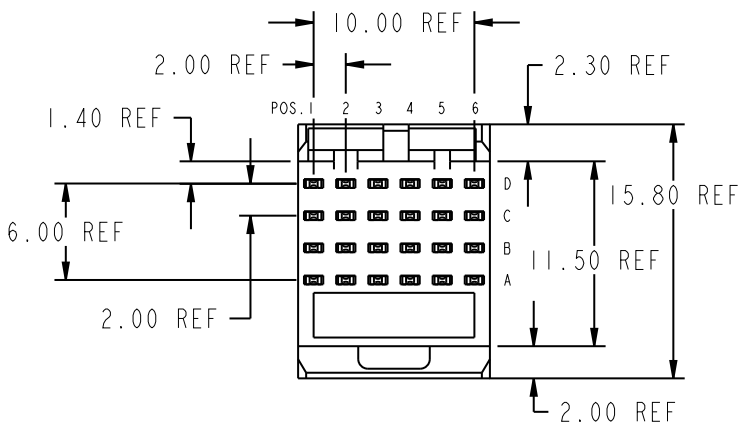


PRODUCT NUMBER  
70218-XYX  
70218-XYXLF



PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-AYY	TELCORDIA CO	SEE NOTE 9
-NIYY	TELCORDIA CO (NXT)	-
-N5YY	TELCORDIA UE (NXT)	-
-1YY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS I	-
-5YY	TELCORDIA UE	-
-AYYLF	TELCORDIA CO	SEE NOTE 10
-NIYYLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 10
-N5YYLF	TELCORDIA UE (NXT)	SEE NOTE 10
-1YYLF	TELCORDIA CO IEC CLASS I	SEE NOTE 10
-2YYLF	TELECOM CLASS	SEE NOTE 10
-5YYLF	TELCORDIA UE	SEE NOTE 10

www.fciconnect.com		surface 3.200	tolerance std	projection	mm
		ISO 1302	ISO 406 ISO 1101		
		TOLERANCES UNLESS OTHERWISE SPECIFIED			Scale 53:50
Dr	T. BRUNGARD	01/24/00	ANGULAR	size A4	ECN *
Eng	M. STRAWSER	01/24/00	LINEAR		
Chr	M. STRAWSER	01/24/00	0° ±2°	0.X ±0.3	
Appr	M. STRAWSER	02/29/00	0.XX ±0.13	0.XXX ±.051	
		Product family	METRAL	Spec ref	*
		METRAL SIGNAL HEADER		dwg no	70218
		1 MOD, 4 ROW PRESS-FIT		Rev.	BX
		catalog no	-	CUSTOMER	sheet 1 of 7

rev	ecn no	dr	date
BR	Y06-0498	DCH	2006-05-31
BS	DG08-0246	CENH	2008-9-12
BT	DG08-0188	TER	2008-11-25
BU	DG08-0346	CENH	2008-12-12
BV	DG09-0256	TER	2009-08-19
BW	DG09-0366	TER	2009-11-24
BX	DG11-0020	TER	2011-01-13

REV F - 2006-04-17



Copyright FCI.

1

2

3

4

A

B

C

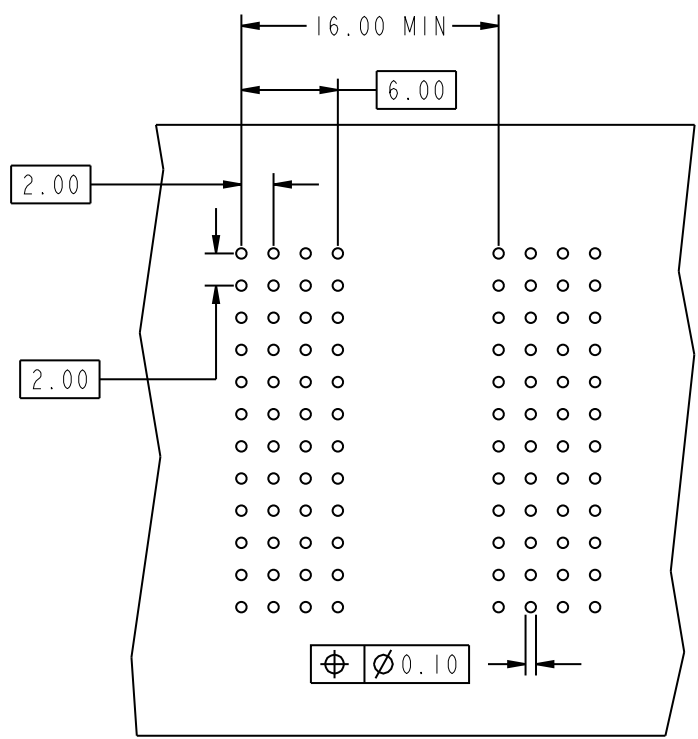
D

A

B

C

D



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
11	6.50	17.00
12	7.25	17.00
13	8.25	4.30
14	8.25	13.60
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



Copyright FCI.

www.fciconnect.com		surface3.200	tolerance std	projection	mm
		ISO 1302	ISO 406 ISO 1101		
		TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	T.BRUNGARD	01/24/00	ANGULAR	0.X	±0.3
Eng	M.STRAWSER	01/24/00	LINEAR	0.XX	±0.13
Chr	M.STRAWSER	01/24/00	0° ±2°	0.XXX	±.051
Appr	M.STRAWSER	02/29/00	Product family	METRAL	Spec ref *
		title METRAL SIGNAL HEADER			dwg no 70218
		1 MOD, 4 ROW PRESS-FIT			Rev. BX
		catalog no	CUSTOMER		sheet 2 of 7

REV F - 2006-04-17

2

PDM: Rev:BX

STATUS:Released

4 Printed: Jan 17, 2011



Copyright FCI.

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X01 SEE NOTE 11 LEAD FREE OPTION	D	19	19	-	3	-	1
	C	19	19	-	3	-	-
	B	19	19	-	3	-	1
	A	19	19	-	3	-	1
70218-X02 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	3
	C	2	2	2	2	2	3
	B	2	2	2	2	2	3
	A	2	2	2	2	2	3
70218-X03 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3
	C	3	3	3	3	3	3
	B	3	3	4	4	3	3
	A	3	3	3	3	3	3
70218-X04 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3
	C	3	3	4	4	3	3
	B	3	3	3	3	3	3
	A	3	3	3	3	3	3
70218-X05 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3
	C	3	3	4	4	3	3
	B	4	3	3	3	3	3
	A	4	3	3	3	3	3
70218-X06 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3
	C	3	3	3	3	3	3
	B	4	3	4	4	3	3
	A	4	3	3	3	3	3
70218-X07 SEE NOTE 11 LEAD FREE OPTION	D	19	3	3	3	2	1
	C	19	3	3	3	2	1
	B	19	3	3	3	2	1
	A	19	3	3	3	2	1
70218-X08 SEE NOTE 11 LEAD FREE OPTION	D	19	3	3	3	3	3
	C	19	3	3	3	3	3
	B	19	3	3	3	3	3
	A	19	3	3	3	3	3
70218-X09 SEE NOTE 11 LEAD FREE OPTION	D	3	3	19	4	3	3
	C	3	3	19	4	3	3
	B	3	3	19	4	3	3
	A	3	3	19	4	3	3
70218-X10 SEE NOTE 11 LEAD FREE OPTION	D	19	19	-	3	-	1
	C	19	19	-	3	-	1
	B	19	19	-	3	-	1
	A	19	19	-	3	-	1
70218-X11 SEE NOTE 11 LEAD FREE OPTION	D	1	-	-	-	1	-
	C	1	-	-	-	1	-
	B	1	-	-	-	1	-
	A	1	-	-	-	1	-
70218-X12 SEE NOTE 11 LEAD FREE OPTION	D	13	13	13	13	-	-
	C	13	13	13	-	-	-
	B	13	13	13	-	-	13
	A	13	13	13	-	-	13
70218-X13 SEE NOTE 11 LEAD FREE OPTION	D	14	14	14	14	-	-
	C	14	14	14	-	-	-
	B	14	14	14	-	-	14
	A	14	14	14	-	-	14
70218-X14 SEE NOTE 11 LEAD FREE OPTION	D	19	19	19	19	-	-
	C	19	19	19	-	-	-
	B	19	19	19	-	-	19
	A	19	19	19	-	-	19
70218-X15 SEE NOTE 11 LEAD FREE OPTION	D	20	20	20	20	-	-
	C	20	20	20	-	-	-
	B	20	20	20	-	-	20
	A	20	20	20	-	-	20
70218-X16 SEE NOTE 11 LEAD FREE OPTION	D	2	-	-	-	2	-
	C	2	-	-	-	2	-
	B	2	-	-	-	2	-
	A	2	-	-	-	2	-
70218-X17 SEE NOTE 11 LEAD FREE OPTION	D	1	1	1	3	3	3
	C	13	13	13	13	13	13
	B	13	13	13	13	13	13
	A	13	13	13	13	13	13
70218-X18 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	2
	C	2	2	2	2	2	2
	B	2	2	1	2	2	2
	A	2	2	2	2	2	2
70218-X19 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3
	C	3	3	3	3	3	3
	B	3	3	1	3	3	3
	A	3	3	3	3	3	3
70218-X20 SEE NOTE 11 LEAD FREE OPTION	D	4	4	19	19	19	19
	C	4	4	19	19	19	19
	B	4	4	19	19	19	19
	A	4	4	19	19	19	19
70218-X21 SEE NOTE 11 LEAD FREE OPTION	D	1	4	4	4	4	19
	C	1	4	4	4	4	19
	B	3	4	4	4	4	19
	A	3	4	4	4	4	19
70218-X22 SEE NOTE 11 LEAD FREE OPTION	D	4	4	4	4	2	2
	C	4	4	4	4	2	2
	B	4	4	4	4	2	2
	A	4	4	4	4	2	2
70218-X23 SEE NOTE 11 LEAD FREE OPTION	D	2	2	4	4	4	4
	C	2	2	4	4	4	4
	B	2	2	4	4	4	4
	A	2	2	4	4	4	4
70218-X24 SEE NOTE 11 LEAD FREE OPTION	D	1	1	2	2	1	1
	C	1	1	2	1	1	1
	B	1	1	2	1	1	1
	A	1	1	2	1	1	1
70218-X25 SEE NOTE 11 LEAD FREE OPTION	D	2	-	2	-	-	-
	C	2	-	-	-	-	-
	B	-	-	-	-	2	-
	A	2	2	-	-	2	-
70218-X26 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	1
	A	2	2	2	2	2	2
70218-X27 SEE NOTE 11 LEAD FREE OPTION	D	12	12	21	21	21	21
	C	12	12	21	21	21	21
	B	12	12	21	21	21	21
	A	12	12	21	21	21	21
70218-X28 SEE NOTE 11 LEAD FREE OPTION	D	9	12	12	12	12	21
	C	9	12	12	12	12	21
	B	11	12	12	12	12	21
	A	11	12	12	12	12	21
70218-X29 SEE NOTE 11 LEAD FREE OPTION	D	1	2	2	2	2	1
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
	A	2	2	2	2	2	2
70218-X30 SEE NOTE 11 LEAD FREE OPTION	D	-	-	-	-	-	-
	C	1	1	1	1	1	3
	B	1	1	1	1	1	3
	A	1	1	1	1	1	3

www.fciconnect.com		surface 3.200	tolerance std	projection	mm
		ISO 1302	ISO 406 ISO 1101		
		TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	T. BRUNGARD	01/24/00	ANGULAR	0.X	±0.3
Eng	M. STRAWSER	01/24/00	LINEAR	0.XX	±0.13
Chr	M. STRAWSER	01/24/00	0° ±2°	0.XXX	±.051
Appr	M. STRAWSER	02/29/00	Product family	METRAL	Spec ref *
		METRAL SIGNAL HEADER			dwg no 70218
		1 MOD, 4 ROW PRESS-FIT			Rev. BX
		catalog no	CUSTOMER		sheet 3 of 7

REV F - 2006-04-17



Copyright FCI.

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X31 SEE NOTE 11 LEAD FREE OPTION	D	4	4	3	3	3	3
	C	4	4	3	3	3	3
	B	4	4	3	3	3	3
	A	4	4	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X36 SEE NOTE 11 LEAD FREE OPTION	D	5	5	7	5	5	5
	C	5	5	7	5	5	5
	B	5	5	5	5	5	7
	A	5	5	5	5	5	7

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X41 SEE NOTE 11 LEAD FREE OPTION	D	7	6	6	6	6	6
	C	7	6	6	6	6	6
	B	7	6	6	6	6	6
	A	7	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X46 SEE NOTE 11 LEAD FREE OPTION	D	1	1	1	1	1	1
	C	2	2	2	2	2	2
	B	2	2	3	3	2	4
	A	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X51 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	4	4	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X56 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	21
	A	9	9	9	9	9	21

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X32 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	4	4
	C	3	3	3	3	4	4
	B	3	3	3	3	4	4
	A	3	3	3	3	4	4

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X37 SEE NOTE 11 LEAD FREE OPTION	D	5	5	5	5	5	7
	C	5	5	7	5	5	7
	B	5	5	5	5	5	7
	A	5	5	5	5	5	7

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X42 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	4
	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
70218-X47 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	8	6
	C	6	6	6	6	6	6
	B	6	6	6	6	6	6
	A	6	6	7	7	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X52 SEE NOTE 11 LEAD FREE OPTION	D	3	1	2	2	2	2
	C	3	1	2	2	2	2
	B	3	1	2	2	2	2
	A	3	1	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X57 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	19
	A	1	1	1	1	1	19

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X33 SEE NOTE 11 LEAD FREE OPTION	D	19	19	19	19	4	4
	C	19	19	19	19	4	4
	B	19	19	19	19	4	4
	A	19	19	19	19	4	4

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X38 SEE NOTE 11 LEAD FREE OPTION	D	19	19	19	-	-	-
	C	19	19	19	-	-	-
	B	19	19	19	-	-	19
	A	19	19	19	-	-	19

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X43 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	6	8
	C	6	6	6	6	6	6
	B	6	6	6	6	6	6
	A	6	6	7	7	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X48 SEE NOTE 11 LEAD FREE OPTION	D	3	1	1	1	1	1
	C	3	4	1	1	1	1
	B	1	4	3	3	1	1
	A	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X53 SEE NOTE 11 LEAD FREE OPTION	D	3	3	2	2	2	2
	C	3	3	2	2	2	2
	B	3	3	2	2	2	2
	A	3	3	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X58 SEE NOTE 11 LEAD FREE OPTION	D	2	-	2	-	2	-
	C	-	19	-	2	-	19
	B	2	-	19	-	19	-
	A	-	2	-	2	-	19

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X34 SEE NOTE 11 LEAD FREE OPTION	D	7	5	5	5	5	7
	C	7	5	5	5	5	7
	B	7	5	5	5	5	7
	A	7	5	5	5	5	7

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X39 SEE NOTE 11 LEAD FREE OPTION	D	-	3	-	3	-	3
	C	2	-	2	-	2	-
	B	-	2	-	2	-	2
	A	3	-	3	-	3	-

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X44 SEE NOTE 11 LEAD FREE OPTION	D	-	2	-	2	-	2
	C	2	-	2	-	2	-
	B	-	2	-	2	-	2
	A	2	-	2	-	2	-

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X49 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3
	C	3	3	3	3	3	3
	B	4	3	3	3	3	3
	A	4	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X54 SEE NOTE 11 LEAD FREE OPTION	D	2	-	2	-	2	-
	C	-	2	-	2	-	2
	B	2	-	2	-	2	-
	A	-	2	-	2	-	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X59 SEE NOTE 11 LEAD FREE OPTION	D	1	1	1	1	1	4
	C	1	1	1	4	1	1
	B	1	4	1	1	1	1
	A	1	1	1	1	1	4

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X35 SEE NOTE 11 LEAD FREE OPTION	D	5	7	5	5	5	5
	C	5	7	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
70218-X40 SEE NOTE 11 LEAD FREE OPTION	D	3	2	2	2	2	2
	C	3	2	2	2	2	2
	B	3	2	2	2	2	2
	A	3	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X45 SEE NOTE 11 LEAD FREE OPTION	D	-	1	-	1	-	-
	C	1	-	-	1	-	-
	B	-	1	-	1	-	-
	A	1	-	-	1	-	-

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X50 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	4
	A	2	2	2	2	2	4

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X55 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	19	19	19
	C	2	2	2	19	19	19
	B	2	2	2	19	19	19
	A	2	2	2	19	19	19

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X60 SEE NOTE 11 LEAD FREE OPTION	D	1	1	1	3	1	1
	C	1	1	1	3	1	1
	B	3	3	1	3	1	1
	A	4	4	4	4	4	4

www.fciconnect.com		surface 3.200	tolerance std	projection	mm
		ISO 1302	ISO 406	ISO 1101	
TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	T. BRUNGARD	01/24/00	ANGULAR	0.X	±0.3
Eng	M. STRAWSER	01/24/00	LINEAR	0.XX	±0.13
Chr	M. STRAWSER	01/24/00	0° ±2°	0.XXX	±.051
Appr	M. STRAWSER	02/29/00	Product family	METRAL	Spec ref *
FCI METRAL SIGNAL HEADER			dwg no	70218	Rev. BX
1 MOD, 4 ROW PRESS-FIT			catalog no	CUSTOMER	sheet 4 of 7

REV F - 2006-04-17



Copyright FCI.

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													
		1	2	3	4	5	6			1	2	3	4	5	6			1	2	3	4	5	6			1	2	3	4	5	6			1	2	3	4	5	6	1	2	3	4	5	6		
70218-X61 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	19	3	3	70218-X66 SEE NOTE 11 LEAD FREE OPTION	D	7	6	6	6	6	7	70218-X71 SEE NOTE 11 LEAD FREE OPTION	D	-	3	4	3	-	3	70218-X76 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3	70218-X81 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	6	5	70218-X86 SEE NOTE 11 LEAD FREE OPTION	D	1	1	2	2	2	2
	C	3	3	2	19	2	3		C	7	6	6	6	6	7		C	-	3	4	3	-	-		C	3	3	3	3	3	3		C	6	6	6	6	6	6		C	1	1	2	2	2	2
	B	3	3	3	19	3	3		B	7	6	6	6	6	7		B	-	-	4	-	3	3		B	3	3	3	3	3	3		B	6	6	6	6	6	6		B	1	1	2	2	2	2
	A	3	3	1	19	1	3		A	7	6	6	6	6	7		A	3	-	4	-	3	3		A	3	3	3	3	1	3		A	6	6	6	6	6	6		A	1	1	2	2	2	2
70218-X62 SEE NOTE 11 LEAD FREE OPTION	D	19	2	3	2	3	3	70218-X67 SEE NOTE 11 LEAD FREE OPTION	D	7	5	5	5	5	5	70218-X72 SEE NOTE 11 LEAD FREE OPTION	D	4	2	3	3	3	3	70218-X77 SEE NOTE 11 LEAD FREE OPTION	D	8	6	7	7	7	7	70218-X82 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	2	70218-X87 SEE NOTE 11 LEAD FREE OPTION	D	2	1	2	1	2	2
	C	19	3	3	3	3	3		C	7	5	5	5	5	C		4	3	3	3	3	3	C		8	7	7	7	7	7	C		3	3	4	3	4	3	C		2	2	3	2	2	2	
	B	19	3	3	3	3	3		B	7	5	5	5	5	B		4	3	3	3	3	3	B		8	7	7	7	7	7	B		2	2	2	2	2	2	B		2	2	2	2	2	2	
	A	19	3	1	3	3	3		A	7	5	5	5	5	A		4	3	1	3	3	3	A		8	7	5	7	7	7	A		2	2	2	2	2	2	A		2	2	2	2	2	2	
70218-X63 SEE NOTE 11 LEAD FREE OPTION	D	1	1	-	1	1	-	70218-X68 SEE NOTE 11 LEAD FREE OPTION	D	1	1	1	3	1	1	70218-X73 SEE NOTE 11 LEAD FREE OPTION	D	-	2	-	2	-	2	70218-X78 SEE NOTE 11 LEAD FREE OPTION	D	4	3	4	2	2	3	70218-X83 SEE NOTE 11 LEAD FREE OPTION	D	1	2	2	2	2	2	70218-X88 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	6	6
	C	-	-	-	-	-	-		C	1	1	1	3	1	1		C	2	-	2	-	2	-		C	4	3	4	2	2	3		C	1	2	2	2	2	2		C	7	7	8	6	6	6
	B	-	-	-	-	-	-		B	1	1	1	3	1	1		B	-	2	-	2	-	2		B	4	3	4	2	2	3		B	1	2	2	2	2	2		B	6	6	6	6	6	6
	A	1	1	-	1	1	-		A	1	1	1	3	1	1		A	2	-	2	-	2	-		A	4	3	4	2	4	3		A	1	2	2	2	2	2		A	6	6	6	6	6	6
70218-X64 SEE NOTE 11 LEAD FREE OPTION	D	7	5	5	6	6	7	70218-X69 SEE NOTE 11 LEAD FREE OPTION	D	3	1	1	3	1	1	70218-X74 SEE NOTE 11 LEAD FREE OPTION	D	4	3	3	3	3	3	70218-X79 SEE NOTE 11 LEAD FREE OPTION	D	4	3	4	2	2	4	70218-X84 SEE NOTE 11 LEAD FREE OPTION	D	2	1	1	1	1	1	70218-X89 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	2
	C	7	5	5	6	6	7		C	3	1	1	3	1	1		C	4	3	3	3	3	3		C	4	3	4	2	2	2		C	2	1	1	1	1	1		C	2	4	2	2	2	2
	B	7	5	5	6	6	7		B	3	1	1	3	1	1		B	4	3	3	3	3	3		B	4	3	4	2	2	2		B	2	1	1	1	1	1		B	2	2	2	2	2	2
	A	7	5	5	6	6	7		A	3	1	1	3	1	1		A	4	3	3	3	3	3		A	4	3	4	2	2	2		A	2	1	1	1	1	1		A	2	2	2	2	2	2
70218-X65 SEE NOTE 11 LEAD FREE OPTION	D	3	1	1	2	2	3	70218-X70 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3	70218-X75 SEE NOTE 11 LEAD FREE OPTION	D	7	7	7	7	7	7	70218-X80 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3	70218-X85 SEE NOTE 11 LEAD FREE OPTION	D	1	1	1	1	2	1	70218-X90 SEE NOTE 11 LEAD FREE OPTION	D	1	1	3	2	1	2
	C	3	1	1	2	2	3		C	3	3	3	3	3	3		C	7	7	7	7	7	7		C	3	3	3	3	3	3		C	1	1	1	1	4	1		C	2	2	2	2	2	2
	B	3	1	1	2	2	3		B	3	3	3	3	3	3		B	7	7	7	7	7	7		B	3	3	3	3	3	3		B	1	1	1	1	2	1		B	2	2	2	2	2	2
	A	3	1	1	2	2	3		A	-	-	-	-	-	3		A	7	7	7	7	5	7		A	3	3	4	4	3	3		A	1	1	1	1	2	1		A	2	2	2	2	2	2

www.fciconnect.com		surface 3.200	tolerance std	projection	mm
		ISO 1302	ISO 406 ISO 1101		
TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	T. BRUNGARD	01/24/00	ANGULAR	0.x	±0.3
Eng	M. STRAWSER	01/24/00	LINEAR	0.xx	±0.13
Chr	M. STRAWSER	01/24/00	0° ±2°	0.xxx	±.051
Appr	M. STRAWSER	02/29/00	Product family	METRAL	Spec ref *
		METRAL SIGNAL HEADER		dwg no	70218
		1 MOD, 4 ROW PRESS-FIT			Rev. BX
catalog no		-		CUSTOMER	sheet 5 of 7

REV F - 2006-04-17

PDM: Rev:BX

STATUS: Released 4 Printed: Jan 17, 2011



Copyright FCI.

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													
		1	2	3	4	5	6			1	2	3	4	5	6			1	2	3	4	5	6			1	2	3	4	5	6			1	2	3	4	5	6								
70218-X91 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	2	70218-X96 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	6	6	70218-X101 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	1	70218-X106 SEE NOTE 11 LEAD FREE OPTION	D	2	3	2	2	2	19	70218-X111 SEE NOTE 11 LEAD FREE OPTION	D	7	6	5	5	5	5	70218-X116 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	1
	C	3	3	4	2	2	2		C	6	6	8	6	6	6		C	2	2	1	2	1	2		C	7	6	5	5	5	5		C	2	2	2	2	2	2		C	7	6	5	5	5	5
	B	2	2	2	2	2	2		B	8	6	6	6	6	6		B	2	1	2	2	2	2		B	7	6	5	5	5	5		B	1	1	1	1	1	1		B	7	6	5	5	5	5
	A	2	2	2	2	2	2		A	7	6	6	6	6	6		A	2	2	2	2	2	2		A	7	6	5	5	5	5		A	2	2	2	2	2	2		A	7	6	5	5	5	5
70218-X92 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	2	70218-X97 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	6	6	70218-X102 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	6	5	70218-X107 SEE NOTE 11 LEAD FREE OPTION	D	19	2	3	2	3	2	70218-X112 SEE NOTE 11 LEAD FREE OPTION	D	1	3	1	1	1	1	70218-X117 SEE NOTE 11 LEAD FREE OPTION	D	7	6	20	6	6	6
	C	2	2	2	4	2	2		C	6	6	5	5	6	6		C	19	2	3	2	3	2		C	1	3	1	1	1	1		C	20	6	20	6	6	6								
	B	2	2	2	2	2	2		B	6	6	6	6	6	6		B	19	2	3	2	3	2		B	1	3	1	1	1	1		B	6	6	20	6	6	6								
	A	2	2	2	2	2	2		A	6	6	6	6	6	6		A	19	2	3	2	3	2		A	1	3	1	1	1	1		A	6	6	20	6	6	6								
70218-X93 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	1	2	70218-X98 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	5	6	6	70218-X103 SEE NOTE 11 LEAD FREE OPTION	D	6	6	20	6	6	6	70218-X108 SEE NOTE 11 LEAD FREE OPTION	D	1	1	3	2	3	1	70218-X113 SEE NOTE 11 LEAD FREE OPTION	D	3	2	3	2	2	2	70218-X118 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	1
	C	2	2	2	2	2	2		C	7	6	6	6	6	6		C	1	1	3	2	3	1		C	3	2	3	2	2	2		C	2	2	2	2	1	2								
	B	2	2	2	2	2	2		B	6	6	6	6	6	6		B	1	1	3	2	3	1		B	3	2	3	2	2	2		B	2	2	19	2	2	2								
	A	2	2	2	2	2	2		A	6	6	6	5	6	6		A	1	1	3	2	3	1		A	3	2	3	2	2	2		A	2	2	1	2	2	2								
70218-X94 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	2	70218-X99 SEE NOTE 11 LEAD FREE OPTION	D	1	1	1	1	19	19	70218-X104 SEE NOTE 11 LEAD FREE OPTION	D	7	6	6	6	6	6	70218-X109 SEE NOTE 11 LEAD FREE OPTION	D	2	1	1	2	2	2	70218-X114 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	6	6	70218-X119 SEE NOTE 11 LEAD FREE OPTION	D	20	6	6	6	6	6
	C	2	2	2	2	4	2		C	1	1	1	1	19	19		C	20	6	6	6	6	6		C	6	6	6	6	6	6		C	20	6	6	6	6	6								
	B	2	2	2	2	2	2		B	1	1	1	1	19	19		B	6	6	6	20	6	6		B	7	6	6	6	6	6		B	20	6	6	6	6	6								
	A	2	2	2	2	2	2		A	1	1	1	1	19	19		A	6	6	6	6	6	6		A	7	6	6	6	6	6		A	20	6	6	6	6	6								
70218-X95 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	1	2	2	70218-X100 SEE NOTE 11 LEAD FREE OPTION	D	4	2	2	2	2	4	70218-X105 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	6	20	20	70218-X110 SEE NOTE 11 LEAD FREE OPTION	D	1	1	2	2	2	3	70218-X115 SEE NOTE 11 LEAD FREE OPTION	D	2	1	3	2	2	3	70218-X120 SEE NOTE 11 LEAD FREE OPTION	D	2	2	19	2	19	2
	C	2	2	2	2	2	2		C	2	2	2	2	2	2		C	6	6	6	6	20	20		C	1	1	2	2	2	3		C	2	1	3	2	2	3		C	2	2	19	2	19	2
	B	2	2	2	2	2	2		B	2	2	2	2	2	2		B	6	6	6	6	20	20		B	2	2	2	2	2	3		B	2	1	3	2	2	3		B	2	1	19	2	19	2
	A	2	2	2	2	2	2		A	4	2	2	4	2	2		A	6	6	6	6	20	20		A	2	2	2	2	2	3		A	2	1	3	2	2	3		A	2	2	19	2	19	2

www.fciconnect.com		surface 3.200	tolerance std	projection	mm
		ISO 1302	ISO 406 ISO 1101		
		TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	T. BRUNGARD	01/24/00	ANGULAR	0.X	±0.3
Eng	M. STRAWSER	01/24/00	LINEAR	0.XX	±0.13
Chr	M. STRAWSER	01/24/00	0° ±2°	0.XXX	±.051
Appr	M. STRAWSER	02/29/00	Product family	METRAL	Spec ref *
		METRAL SIGNAL HEADER			dwg no
		1 MOD, 4 ROW PRESS-FIT			70218
		catalog no	CUSTOMER		Rev. BX
				sheet 6 of 7	

REV F - 2006-04-17

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X121  SEE NOTE 11 LEAD FREE OPTION	D	2	2	3	19	1	19
	C	2	2	3	19	2	19
	B	2	2	3	19	19	2
	A	2	2	3	19	19	3



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:  
70218 -XXX IS SnPb  
70218-XYLF 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: 70218-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.



Copyright FCI.

www.fciconnect.com			surface 3.200 ISO 1302	tolerance std ISO 406 ISO 1101	projection mm			
			TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	T.BRUNGARD	01/24/00	ANGULAR	LINEAR	0.X	±0.3	size A4	Scale 53:50
Eng	M.STRAWSER	01/24/00			0.XX	±0.13		
Chr	M.STRAWSER	01/24/00			0° ±2°	0.XXX	±.051	ECN
Appr	M.STRAWSER	02/29/00	Product family		METRAL	Spec ref		*
			METRAL SIGNAL HEADER			dwg no 70218		Rev. BX
			catalog no			CUSTOMER		sheet 7 of 7