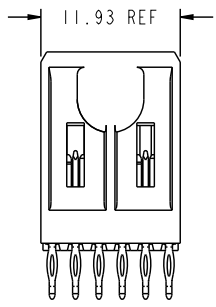
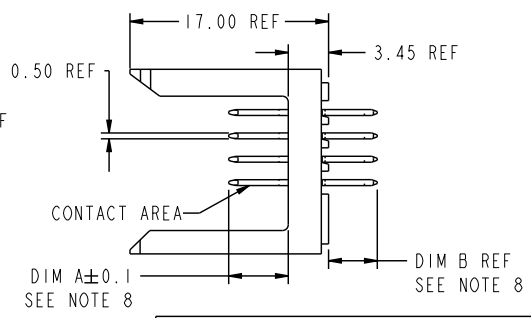
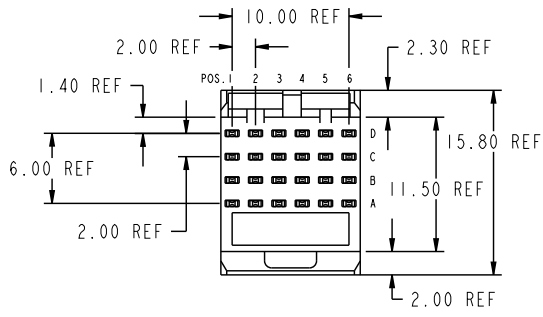


PRODUCT NUMBER
70218-XYX
70218-XYLFF



PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-AYY	TELCORDIA CO	SEE NOTE 9
-NIYY	TELCORDIA CO (NXT)	-
-N5YY	TELCORDIA UE (NXT)	-
-IYY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS I	-
-5YY	TELCORDIA UE	-
-AYLFF	TELCORDIA CO	SEE NOTE 10
-NIYLFF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 10
-N5YLFF	TELCORDIA UE (NXT)	SEE NOTE 10
-IYLFF	TELCORDIA CO IEC CLASS I	SEE NOTE 10
-2YLFF	TELECOM CLASS	SEE NOTE 10
-5YLFF	TELCORDIA UE	SEE NOTE 10



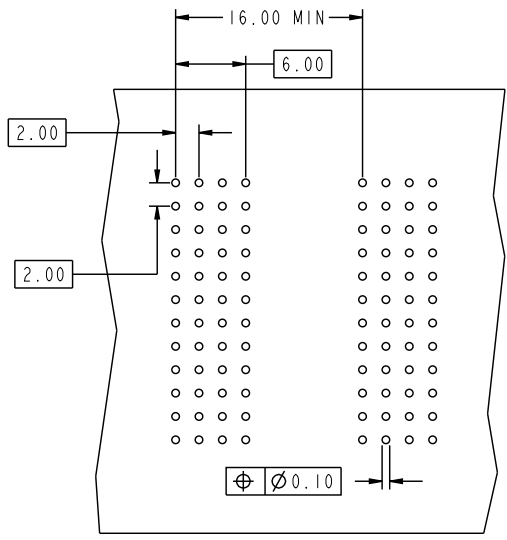
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www.fciconnect.com		surface 3.200 ISO 1302	tolerance std ISO 406 ISO 1101	projection A4	mm																																
Dr. T. BRUNGARD 01/24/00		ANGULAR	LINEAR	size A4	Scale 53:50																																
Eng. M. STRAWSER 01/24/00		0° ±*	0.xx ±0.13	ECN	*																																
Chr. M. STRAWSER 01/24/00		0° ±*	0.xxx ±.051	Spec ref	*																																
Appr. M. STRAWSER 02/29/00		Product family	METRAL	Spec ref	*																																
<table border="1"> <tr><th>rev</th><th>ecn no</th><th>dr</th><th>date</th></tr> <tr><td>BR</td><td>V06-0498</td><td>DCH</td><td>2006-05-31</td></tr> <tr><td>BS</td><td>0608-0246</td><td>CENH</td><td>2008-9-12</td></tr> <tr><td>BT</td><td>0608-0188</td><td>TER</td><td>2008-11-25</td></tr> <tr><td>BU</td><td>0608-0346</td><td>CENH</td><td>2008-12-12</td></tr> <tr><td>BV</td><td>0609-0256</td><td>TER</td><td>2009-08-19</td></tr> <tr><td>BW</td><td>0609-0366</td><td>TER</td><td>2009-11-24</td></tr> <tr><td>BX</td><td>0611-0026</td><td>TER</td><td>2011-01-13</td></tr> </table>		rev	ecn no	dr	date	BR	V06-0498	DCH	2006-05-31	BS	0608-0246	CENH	2008-9-12	BT	0608-0188	TER	2008-11-25	BU	0608-0346	CENH	2008-12-12	BV	0609-0256	TER	2009-08-19	BW	0609-0366	TER	2009-11-24	BX	0611-0026	TER	2011-01-13			<b>METRAL SIGNAL HEADER</b> I MOD, 4 ROW PRESS-FIT catalog no	
rev	ecn no	dr	date																																		
BR	V06-0498	DCH	2006-05-31																																		
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BX	0611-0026	TER	2011-01-13																																		
				70218	Rev. BX																																
				CUSTOMER	sheet 1 of 7																																

REV F - 2004-04-07



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REQUIRED PC BOARD LAYOUT  
COMPONENT SIDE

SEE PRINT 58351 FOR  
ADDITIONAL PCB INFORMATION

KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
1	5.00	4.30
2	5.75	4.30
3	6.50	4.30
4	7.25	4.30
5	5.00	13.60
6	5.75	13.60
7	6.50	13.60
8	7.25	13.60
9	5.00	17.00
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

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
Eng	M. STRAWSER	01/24/00	0°	±2°
Chr	M. STRAWSER	01/24/00	0.xxx	±.051
Appr	M. STRAWSER	02/29/00	Product family	METRAL
FCJ		METRAL SIGNAL HEADER		70218
I MOD, 4 ROW PRESS-FIT		CUSTOMER		sheet 2 of 7

PDM: Rev:BX

STATUS: Released

4 Printed: Jan 17, 2011

REV F - 2004-04-17



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

www.fciconnect.com		surface 3.200	tolerance std	projection	mm
ISO 1302		ANGULAR	ISO 406 ISO 1101		mm
TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr. T. BRUNGARD	01/24/00	LINEAR	0.xx	±0.3	size A4
Eng. M. STRAWSER	01/24/00	0° ±2°	0.xxx	±0.13	Scale 53:50
Chr. M. STRAWSER	01/24/00			±.051	ECN *
Appr. M. STRAWSER	02/29/00	Product family	METRAL	Spec ref	*
		METRAL SIGNAL HEADER		70218	Rev. BX
		1 MOD, 4 ROW PRESS-FIT		CUSTOMER	sheet 3 of 7
catalog no					



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METRAL P/N	ROW	CONTACT CODE MOD. I	CONTACT CODE MOD. I	CONTACT CODE MOD. I	CONTACT CODE MOD. I	METRAL P/N	ROW	CONTACT CODE MOD. I	CONTACT CODE MOD. I	CONTACT CODE MOD. I	CONTACT CODE MOD. I	METRAL P/N	ROW	CONTACT CODE MOD. I	CONTACT CODE MOD. I	CONTACT CODE MOD. I	CONTACT CODE MOD. I	METRAL P/N	ROW	CONTACT CODE MOD. I	CONTACT CODE MOD. I	CONTACT CODE MOD. I	CONTACT CODE MOD. I																									
70218-X31	D	4	4	3	3	3	3	70218-X36	D	5	5	7	5	5	5	70218-X41	D	7	6	6	6	6	6	70218-X46	D	1	1	1	1	1	70218-X51	D	3	3	3	3	3	70218-X56	D	9	9	9	9	9				
SEE NOTE 11 LEAD FREE OPTION	C	4	4	3	3	3	3	SEE NOTE 11 LEAD FREE OPTION	C	5	5	7	5	5	5	SEE NOTE 11 LEAD FREE OPTION	C	7	6	6	6	6	6	SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	SEE NOTE 11 LEAD FREE OPTION	C	3	3	3	3	3	SEE NOTE 11 LEAD FREE OPTION	C	9	9	9	9	9				
	B	4	4	3	3	3	3		B	5	5	5	5	5		B	7	6	6	6	6	6		B	2	2	3	3	2		B	3	3	3	3	3		B	9	9	9	9	9	21				
	A	4	4	3	3	3	3		A	5	5	5	5	5		A	7	6	6	6	6	6		A	3	3	3	3	3		A	3	3	4	4	3	3		A	9	9	9	9	9				
70218-X32	D	3	3	3	3	4	4	70218-X37	D	5	5	5	5	5	7	70218-X42	D	3	3	3	3	3	4	70218-X47	D	6	6	6	6	8	8	70218-X52	D	3	1	2	2	2	2	70218-X57	D	1	1	1	1	1	1	1
SEE NOTE 11 LEAD FREE OPTION	C	3	3	3	3	4	4	SEE NOTE 11 LEAD FREE OPTION	C	5	5	7	5	5	7	SEE NOTE 11 LEAD FREE OPTION	C	3	3	3	3	3	4	SEE NOTE 11 LEAD FREE OPTION	C	6	6	6	6	6	6	SEE NOTE 11 LEAD FREE OPTION	C	3	1	2	2	2	2	SEE NOTE 11 LEAD FREE OPTION	C	1	1	1	1	1	1	
	B	3	3	3	3	4	4		B	5	5	5	5	5		B	3	3	3	3	3	3		B	6	6	6	6	6	6		B	3	1	2	2	2	2		B	1	1	1	1	1	19		
	A	3	3	3	3	4	4		A	5	5	5	5	5		A	3	3	3	3	3	3		A	6	6	7	7	6	6		A	3	1	2	2	2	2		A	1	1	1	1	1	19		
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SEE NOTE 11 LEAD FREE OPTION	C	19	19	19	19	4	4	SEE NOTE 11 LEAD FREE OPTION	C	19	19	19	-	-	SEE NOTE 11 LEAD FREE OPTION	C	6	6	6	6	6	8	SEE NOTE 11 LEAD FREE OPTION	C	3	4	1	1	1	1	SEE NOTE 11 LEAD FREE OPTION	C	3	3	2	2	2	2	SEE NOTE 11 LEAD FREE OPTION	C	-	19	-	2	-	19		
	B	19	19	19	19	4	4		B	19	19	19	-	-		B	6	6	6	6	6	8		B	1	4	3	3	1		B	3	3	2	2	2	2		B	2	-	19	-	19	-			
	A	19	19	19	19	4	4		A	19	19	19	-	-		A	6	6	7	7	6	6		A	1	1	1	1	1		A	3	3	2	2	2	2		A	-	2	-	2	-	19			
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SEE NOTE 11 LEAD FREE OPTION	C	7	5	5	5	5	7	SEE NOTE 11 LEAD FREE OPTION	C	2	-	2	-	2	SEE NOTE 11 LEAD FREE OPTION	C	2	-	2	-	2	SEE NOTE 11 LEAD FREE OPTION	C	3	3	3	3	3	SEE NOTE 11 LEAD FREE OPTION	C	-	2	-	2	-	2	SEE NOTE 11 LEAD FREE OPTION	C	1	1	1	4	1	1				
	B	7	5	5	5	5	7		B	2	-	2	-	2		B	2	-	2	-	2		B	4	3	3	3	3		B	2	-	2	-	2	-		B	1	4	1	1	1	1				
	A	7	5	5	5	5	7		A	3	-	3	-	3		A	2	-	2	-	2		A	4	3	3	3	3		A	-	2	-	2	-	2		A	1	1	1	1	1	4				
70218-X35	D	5	7	5	5	5	5	70218-X40	D	3	2	2	2	2	2	70218-X45	D	-	1	-	1	-	70218-X50	D	2	2	2	2	2	70218-X55	D	2	2	2	19	19	19	70218-X60	D	1	1	1	3	1	1			
SEE NOTE 11 LEAD FREE OPTION	C	5	7	5	5	5	5	SEE NOTE 11 LEAD FREE OPTION	C	3	2	2	2	2	SEE NOTE 11 LEAD FREE OPTION	C	1	-	1	-	1	SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	2	2	SEE NOTE 11 LEAD FREE OPTION	C	2	2	2	19	19	19	SEE NOTE 11 LEAD FREE OPTION	C	1	1	1	3	1	1				
	B	5	5	5	5	5	5		B	3	2	2	2	2		B	-	1	-	1	-		B	2	2	2	2	2		B	2	2	2	19	19	19		B	3	3	1	3	1	1				
	A	5	5	5	5	5	5		A	3	2	2	2	2		A	1	-	1	-	1		A	2	2	2	2	4		A	2	2	2	19	19	19		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° ±*	0.xxx	±.051
Appr	M. STRAWSER	02/29/00	Product family	METRAL	Spec ref
			METRAL SIGNAL HEADER		70218
			1 MOD, 4 ROW PRESS-FIT		Rev. BX
catalog no			CUSTOMER		sheet 4 of 7



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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																								
70218-X61 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	19	3	3	70218-X66	D	7	6	6	6	6	7	70218-X71	D	-	3	4	3	-	3	70218-X76	D	3	3	3	3	3	3	70218-X81	D	6	6	6	6	6	5	70218-X86	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	D	7	5	5	5	5	5	70218-X72	D	4	2	3	4	5	6	70218-X77	D	8	6	7	7	7	7	70218-X82	D	2	2	2	2	2	2	70218-X87	D	2	1	2	1	2	2
	C	19	3	3	3	3	3		C	7	5	5	5	5	5		C	4	3	3	3	3	3		C	8	7	7	7	7	7		C	3	3	3	4	3	4		C	2	2	3	2	2	2
	B	19	3	3	3	3	3		B	7	5	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	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	D	1	1	1	3	1	1	70218-X73	D	-	2	-	2	-	2	70218-X78	D	4	3	4	2	2	3	70218-X83	D	1	2	2	2	2	2	70218-X88	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
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	D	3	1	1	3	1	1	70218-X74	D	4	3	3	3	3	3	70218-X79	D	4	3	4	2	2	4	70218-X84	D	2	1	1	1	1	1	70218-X89	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	D	3	3	3	3	3	3	70218-X75	D	7	7	7	7	7	7	70218-X80	D	3	3	3	3	3	3	70218-X85	D	1	1	1	1	2	1	70218-X90	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		70218
			1 MOD, 4 ROW PRESS-FIT		Rev. BX
catalog no			CUSTOMER		sheet 5 of 7



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

www.fciconnect.com		surface 3.200	tolerance std	projection	mm
ISO 1302		ANGULAR	ISO 406 ISO 1101	size	A4
TOLERANCES UNLESS OTHERWISE SPECIFIED		LINEAR	0.x ±0.3	Scale	53:50
Dr T. BRUNGARD	01/24/00	0° ±0.2	0.xx ±0.13	ECN	*
Eng M. STRAWSER	01/24/00	Product family	0.xxx ±.051	Spec ref	*
Appr M. STRAWSER	02/29/00	METRAL			
FCI METRAL SIGNAL HEADER		70218		Rev. BX	
1 MOD, 4 ROW PRESS-FIT		CUSTOMER		sheet 6 of 7	
catalog no					

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METRAL P/N	ROW	CONTACT CODE MOD. 1					
		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:

- 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:  
70218 -XYX IS SnPb  
70218-XYLF IS SN (LEAD FREE)  
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE.
- PRODUCT MARKING:  
PART NUMBER DESIGNATION & BATCH I.D.
- ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES. IF TRAY PACKAGING IS REQUIRED, A SUFFIX "P" WILL BE ADDED TO THE END OF THE PART NUMBER. EXAMPLE: XXXXX-XXXP OR XXXXX-XXXPLF
- PRODUCT SPECIFICATION GS-12-180  
APPLICATION SPECIFICATION BUS-20-073
- AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- A PLATING HAS Au FLASH IN PRESS FIT AREA (LEAD FREE).
- THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX. EXAMPLE: 70218-X01LF
- ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING (DRAWING NO.)-N1--- OR (DRAWING NO.)-N5---WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. PART NUMBERS (DRAWING NO.)-N1--- AND (DRAWINGS NO.)-N5---WILL NOT WITHSTAND REFLOW AND Au CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140°C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

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
Eng	M.STRAWSER	01/24/00	0.X	±0.3
Chr	M.STRAWSER	01/24/00	0.XX	±0.13
Appr	M.STRAWSER	02/29/00	0.XXX	±.051
Product family		METRAL		Spec ref
FCJ METRAL SIGNAL HEADER		70218		Rev. BX
I MOD, 4 ROW PRESS-FIT		CUSTOMER		sheet 7 of 7

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PDM: Rev:BX STATUS:Released 4 Printed: Jan 17, 2011