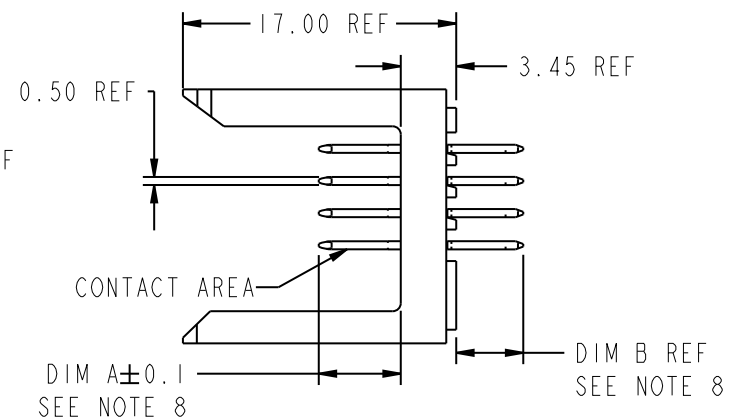
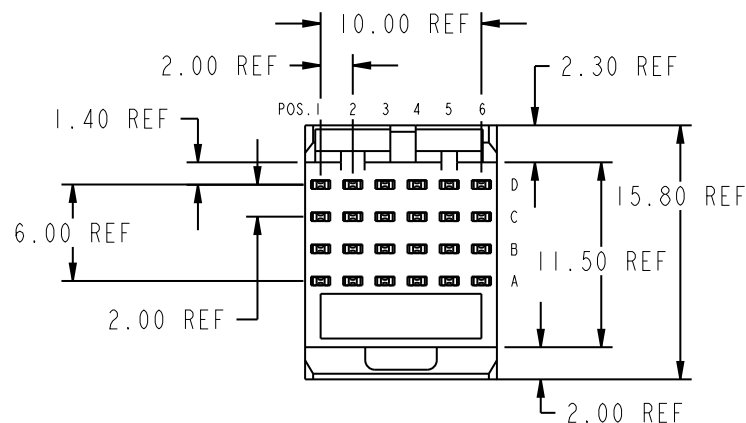


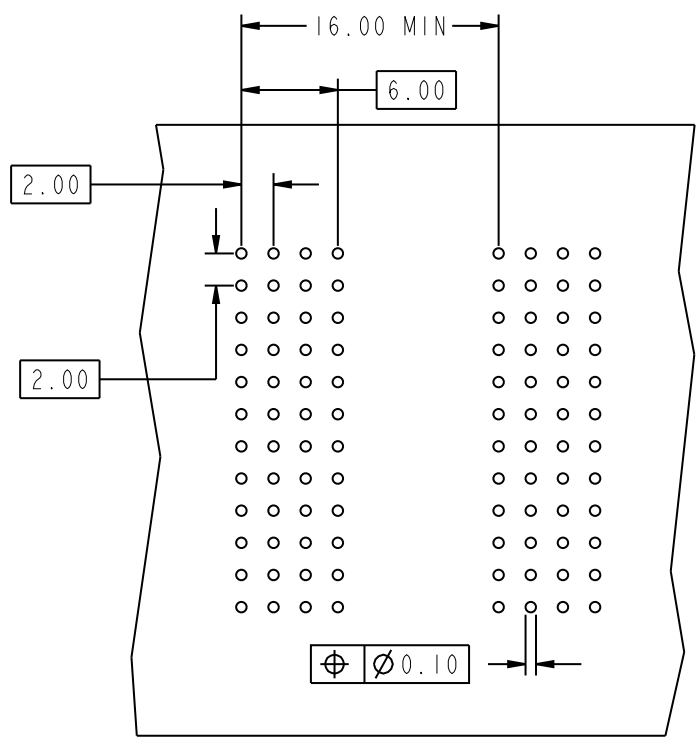
PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-Ayy	TELCORDIA CO	SEE NOTE 9
-N1yy	TELCORDIA CO (NXT)	-
-N5yy	TELCORDIA UE (NXT)	-
-1yy	TELCORDIA CO	-
-2yy	TELECOM CLASS	-
-3yy	IEC CLASS I	-
-5yy	TELCORDIA UE	-
-AyyLF	TELCORDIA CO	SEE NOTE 10
-N1yyLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 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

rev	ecn no	dr	date
BR	V06-0498	DCH	2006-05-31
BS	D608-0246	CENH	2008-9-12
BT	D608-0188	TER	2008-11-25
BU	D608-0346	CENH	2008-12-12
BV	D609-0256	TER	2009-08-19
BW	D609-0366	TER	2009-11-24
BX	D611-0020	TER	2011-01-13

www.fciconnect.com			surface3.200 ISO 1302		tolerance std ISO 406 ISO 1101		projection 			
			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.XXX	±.051	ECN	*		
Appr	M.STRAWSER	02/29/00	Product family			METRAL		Spec ref		
			title METRAL SIGNAL HEADER 1 MOD, 4 ROW PRESS-FIT catalog no			dwg no 70218 CUSTOMER			Rev Bx sheet 1 of 7	



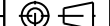
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KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
1	5.00	4.30
2	5.75	4.30
3	6.50	4.30
4	7.25	4.30
5	5.00	13.60
6	5.75	13.60
7	6.50	13.60
8	7.25	13.60
9	5.00	17.00
11	6.50	17.00
12	7.25	17.00
13	8.25	4.30
14	8.25	13.60
19	8.00	4.30
20	8.00	13.60
21	8.00	17.00

REQUIRED PC BOARD LAYOUT
COMPONENT SIDE

SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

www.fciconnect.com			surface3.200 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 213:100			
Eng	M.STRAWSER	01/24/00			0.XX ±0.13						
Chr	M.STRAWSER	01/24/00			0.XXX ±.051						
Appr	M.STRAWSER	02/29/00	0° ±2°	Product family			METRAL		ECN *		
			Spec ref				*				
			title METRAL SIGNAL HEADER 1 MOD, 4 ROW PRESS-FIT				dwg no 70218			Rev. BX	
			catalog no				CUSTOMER			sheet 2 of 7	

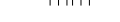


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METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						
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70218-X01 SEE NOTE 11 LEAD FREE OPTION	D	19	19	-	3	-	1	70218-X06 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3	70218-X11 SEE NOTE 11 LEAD FREE OPTION	D	1	-	-	-	-	1	-	70218-X16 SEE NOTE 11 LEAD FREE OPTION	D	2	-	-	-	2	-	70218-X21 SEE NOTE 11 LEAD FREE OPTION	D	1	4	4	4	4	19	70218-X26 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	2
	C	19	19	-	3	-	-		C	3	3	3	3	3	3		C	1	-	-	-	-	1	-		C	2	-	-	-	2	-		C	1	4	4	4	4	19		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 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	3	70218-X07 SEE NOTE 11 LEAD FREE OPTION	D	19	3	3	3	2	1	70218-X12 SEE NOTE 11 LEAD FREE OPTION	D	13	13	13	13	-	-	70218-X17 SEE NOTE 11 LEAD FREE OPTION	D	1	1	1	3	3	3	70218-X22 SEE NOTE 11 LEAD FREE OPTION	D	4	4	4	4	2	2	70218-X27 SEE NOTE 11 LEAD FREE OPTION	D	12	12	21	21	21	21	
	C	2	2	2	2	2	3		C	19	3	3	3	2	1		C	13	13	13	-	-	-		C	13	13	13	13	13	13		C	4	4	4	4	2	2		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	13		B	4	4	4	4	2	2		B	12	12	21	21	21	21	
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70218-X03 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3	70218-X08 SEE NOTE 11 LEAD FREE OPTION	D	19	3	3	3	3	3	70218-X13 SEE NOTE 11 LEAD FREE OPTION	D	14	14	14	14	-	-	70218-X18 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	2	2	2	70218-X23 SEE NOTE 11 LEAD FREE OPTION	D	2	2	4	4	4	4	70218-X28 SEE NOTE 11 LEAD FREE OPTION	D	9	12	12	12	12	21	
	C	3	3	3	3	3	3		C	19	3	3	3	3	3		C	14	14	14	-	-	-		C	2	2	2	2	2	2		C	2	2	4	4	4	4		C	9	12	12	12	12	21	
	B	3	3	4	4	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 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3	70218-X09 SEE NOTE 11 LEAD FREE OPTION	D	3	3	19	4	3	3	70218-X14 SEE NOTE 11 LEAD FREE OPTION	D	19	19	19	19	-	-	70218-X19 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3	70218-X24 SEE NOTE 11 LEAD FREE OPTION	D	1	1	2	2	1	1	70218-X29 SEE NOTE 11 LEAD FREE OPTION	D	1	2	2	2	2	1	
	C	3	3	4	4	3	3		C	3	3	19	4	3	3		C	19	19	19	-	-	-		C	3	3	3	3	3	3		C	1	1	2	1	1	1		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 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3	70218-X10 SEE NOTE 11 LEAD FREE OPTION	D	19	19	-	3	-	1	70218-X15 SEE NOTE 11 LEAD FREE OPTION	D	20	20	20	20	-	-	70218-X20 SEE NOTE 11 LEAD FREE OPTION	D	4	4	19	19	19	19	70218-X25 SEE NOTE 11 LEAD FREE OPTION	D	2	-	2	2	-	-	70218-X30 SEE NOTE 11 LEAD FREE OPTION	D	-	-	-	-	-	-	
	C	3	3	4	4	3	3		C	19	19	-	3	-	1		C	20	20	20	-	-	-		C	4	4	19	19	19	19		C	2	-	-	-	-	-		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			surface3.200 ISO 1302		tolerance std ISO 406 ISO 1101		projection mm	
			TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	T.BRUNGARD	01/24/00	ANGULAR		LINEAR		size A4	
Eng	M.STRAWSER	01/24/00	0° ±2°				Scale 53:50	
Chr	M.STRAWSER	01/24/00					ECN *	
Appr	M.STRAWSER	02/29/00	Product family		METRAL		Spec ref *	
FCI			title METRAL SIGNAL HEADER 1 MOD, 4 ROW PRESS-FIT			dwg no 70218		Rev. BX
catalog no			-			CUSTOMER		sheet 3 of 7

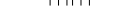
REV F - 2006-04-17

www.fciconnect.com			surface3.200 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.XXX		±.051			
Appr	M.STRAWSER	02/29/00	0°	±2°	ECN		*			
Product family			METRAL			Spec ref *				
			title METRAL SIGNAL HEADER 1 MOD, 4 ROW PRESS-FIT				no 70218			Rev. BX
catalog no			-			CUSTOMER			sheet 3 of 7	



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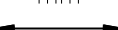
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A	70218-X31 SEE NOTE 11 LEAD FREE OPTION	D	4	4	3	3	3	3
		C	4	4	3	3	3	3
		B	4	4	3	3	3	3
		A	4	4	3	3	3	3
	70218-X32 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	4	4
		C	3	3	3	3	4	4
		B	3	3	3	3	4	4
		A	3	3	3	3	4	4
B	70218-X33 SEE NOTE 11 LEAD FREE OPTION	D	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
	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
C	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
	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
	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
	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
	70218-X39 SEE NOTE 11 LEAD FREE OPTION	D	-	3	-	3	-	3
		C	2	-	2	-	2	-
		B	-	2	-	2	-	2
		A	3	-	3	-	3	-
	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
	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
	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
	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
	70218-X44 SEE NOTE 11 LEAD FREE OPTION	D	-	2	-	2	-	2
		C	2	-	2	-	2	-
		B	-	2	-	2	-	2
		A	2	-	2	-	2	-
	70218-X45 SEE NOTE 11 LEAD FREE OPTION	D	-	1	-	1	-	-
		C	1	-	-	1	-	-
		B	-	1	-	1	-	1
		A	1	-	-	1	-	1
	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
	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
	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
	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
	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
	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
	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
	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
	70218-X54 SEE NOTE 11 LEAD FREE OPTION	D	2	-	2	-	2	-
		C	-	2	-	2	-	2
		B	2	-	2	-	2	-
		A	-	2	-	2	-	2
	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
	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
	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
	70218-X58 SEE NOTE 11 LEAD FREE OPTION	D	2	-	2	-	2	-
		C	-	19	-	2	-	19
		B	2	-	19	-	19	-
		A	-	2	-	2	-	19
	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
	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			surface3.200 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.XXX		±.051					
Appr	M.STRAWSER	02/29/00	0°	±2°	ECN		*					
Product family			METRAL		Spec ref		*					
			title				METRAL SIGNAL HEADER				no 70218	Rev. BX
							1 MOD, 4 ROW PRESS-FIT					
			catalog no				-					
			CUSTOMER				sheet 4 of 7					



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

www.fciconnect.com			surface3.200 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.XXX ±.051					
Appr	M.STRAWSER	02/29/00	0° ±2°		ECN		*			
			Product family				METRAL		Spec ref *	
			title METRAL SIGNAL HEADER 1 MOD, 4 ROW PRESS-FIT				dwg no 70218		Rev. BX	
			catalog no				- CUSTOMER		sheet 5 of 7	



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D

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

REV F - 2006-04-17

www.fciconnect.com			surface3.200	tolerance std	projection	mm
			ISO 1302	ISO 406 ISO 1101		



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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

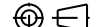


NOTES:

- 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 -XXX 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			surface3.200 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.XXX ±.051							
Appr	M.STRAWSER	02/29/00	0° ±2°				ECN		*			
			Product family				METRAL		Spec ref		*	
			title				dwg no				Rev.	
			METRAL SIGNAL HEADER				70218				BX	
			I MOD, 4 ROW PRESS-FIT									
			catalog no				-		CUSTOMER		sheet 7 of 7	