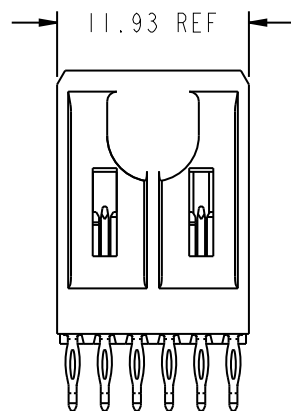
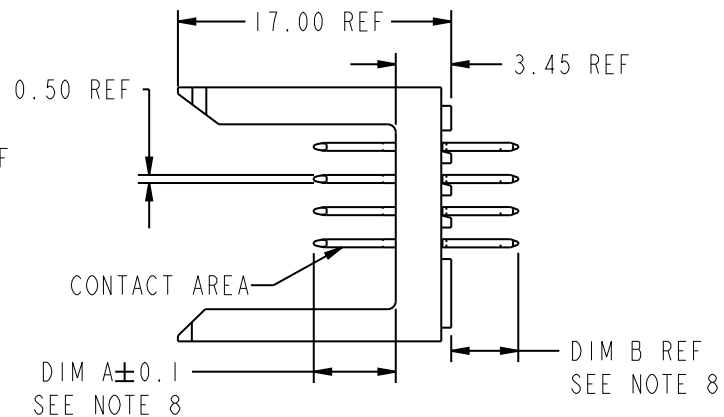
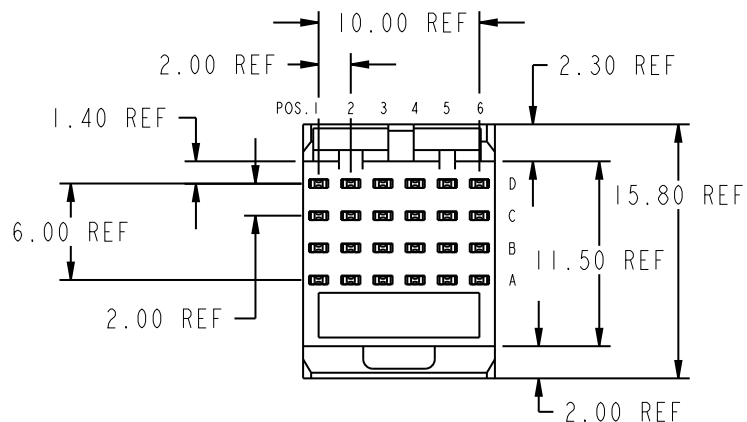


PRODUCT NUMBER
70218-XYX
70218-XYXLF



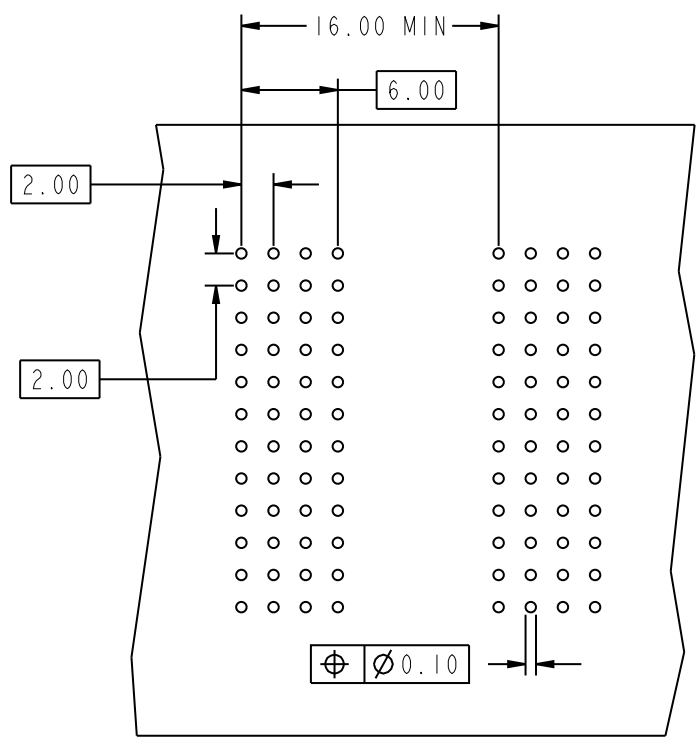
PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-AYY	TELCORDIA CO	SEE NOTE 9
-NIYY	TELCORDIA CO (NXT)	-
-N5YY	TELCORDIA UE (NXT)	-
-IYY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS I	-
-5YY	TELCORDIA UE	-
-AYYLF	TELCORDIA CO	SEE NOTE 10
-NIYYLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE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

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	size A4	Scale 53:50
Eng	M.STRAWSER	01/24/00			
Chr	M.STRAWSER	01/24/00	0° ±2°	ECN	*
Appr	M.STRAWSER	02/29/00			
		Product family	METRAL	Spec ref	
		title		dwg no	Rev.
		METRAL SIGNAL HEADER		70218	BX
		I MOD, 4 ROW PRESS-FIT			
		catalog no	-	CUSTOMER	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		Spec ref *	
			title METRAL SIGNAL HEADER I MOD, 4 ROW PRESS-FIT				dwg no 70218		Rev. BX	
			catalog no				-	CUSTOMER		sheet 2 of 7



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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
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
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
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
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
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
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
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
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
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
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
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
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
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
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
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
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
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
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
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X11 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-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
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
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
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
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
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
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
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X16 SEE NOTE 11 LEAD FREE OPTION	D	2	-	-	-	2	-
	C	2	-	-	-	2	-
	B	2	-	-	-	2	-
	A	2	-	-	-	2	-
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
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
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
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
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
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
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
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
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
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
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
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
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
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
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
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
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
70218-X25 SEE NOTE 11 LEAD FREE OPTION	D	2	-	2	2	-	-
	C	2	-	-	-	-	-
	B	-	-	-	-	2	-
	A	2	2	-	-	2	-
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
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
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
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
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
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
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
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
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
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			surface3.200	tolerance std	projection	mm
			ISO 1302	ISO 406 ISO 1101		
			TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	T.BRUNGARD	01/24/00	ANGULAR			



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	METRAL P/N	ROW	CONTACT CODE MOD. I					
			I	2	3	4	5	6
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

	METRAL P/N	ROW	CONTACT CODE MOD. I					
			I	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
	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

	METRAL P/N	ROW	CONTACT CODE MOD. I					
			I	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
	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	-

	METRAL P/N	ROW	CONTACT CODE MOD. I					
			I	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
	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

	METRAL P/N	ROW	CONTACT CODE MOD. I					
			I	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
	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

	METRAL P/N	ROW	CONTACT CODE MOD. I					
			I	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
	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	tolerance std	projection	mm
			ISO 1302	ISO 406 ISO 1101		
			TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	T.BRUNGARD	01/24/00	ANGULAR	LINEAR	0.X	±0.3
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	Product family		METRAL	Spec ref
FCI			title		METRAL SIGNAL HEADER	
			I MOD, 4 ROW PRESS-FIT		dwg no	
			catalog no		70218	
			CUSTOMER		Rev. BX	
			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	19	2	3
	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

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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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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	LINEAR	0.X	±0.3
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	Product family		METRAL	Spec ref
			title		70218	
			METRAL SIGNAL HEADER		Rev. BX	
			1 MOD, 4 ROW PRESS-FIT			
			catalog no		CUSTOMER	
					sheet 6 of 7	



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

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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