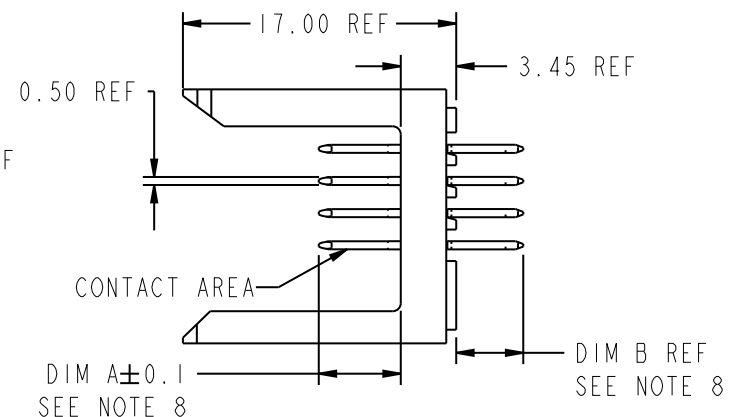
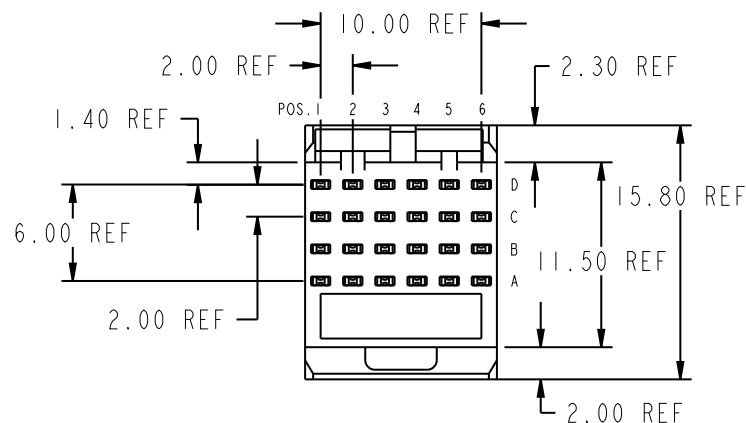


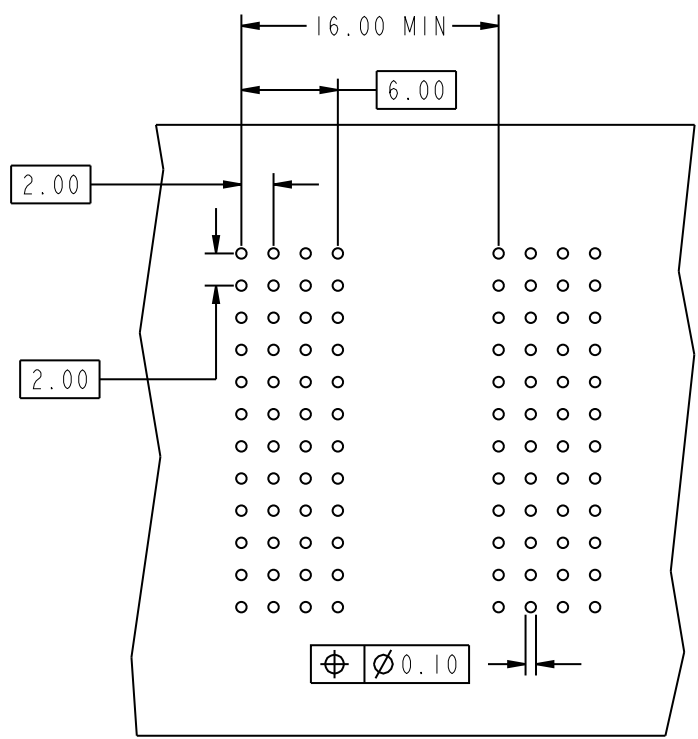
PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-AYY	TELCORDIA CO	SEE NOTE 9
-NIYY	TELCORDIA CO (NXT)	-
-N5YY	TELCORDIA UE (NXT)	-
-IYY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS I	-
-5YY	TELCORDIA UE	-
-AYYLF	TELCORDIA CO	SEE NOTE 10
-NIYYLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 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	V06-0498	DCH	2006-05-31
BS	DG08-0246	CENH	2008-9-12
BT	DG08-0188	TER	2008-11-23
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 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			Rev Bx	
			-			CUSTOMER			sheet 1 of 7	



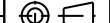
Copyright FCI.



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



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
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	0.X</		



Copyright FCI.

A

B

C

D

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
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
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
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-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					
		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
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					
		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
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					
		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
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					
		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
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

A

B

C

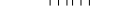
D

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 0° ±2°	0.X ±0.3	size A4
Eng	M.STRAWSER	01/24/00		0.XX ±0.13	Scale 53:50
Chr	M.STRAWSER	01/24/00		0.XXX ±.051	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
			catalog no -	CUSTOMER	Rev. BX
			sheet 4 of 7		



Copyright FCI.

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

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		Scale		
Eng	M.STRAWSER		01/24/00				0.X ±0.3 0.XX ±0.13		A4		53:50		
Chr	M.STRAWSER		01/24/00		0° ±2°		0.XXX ±.05I		ECN		*		
Appr	M.STRAWSER		02/29/00		Product family				METRAL		Spec ref *		
		title							no		Rev.		
		METRAL SIGNAL HEADER							70218		BX		
		1 MOD, 4 ROW PRESS-FIT											
		catalog no				-				CUSTOMER		sheet 5 of 7	



Copyright FCI.

A

B

C

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

A

B

C

D

www.fciconnect.com			surface3.200 ISO 1302		tolerance std ISO 406 ISO 1101	projection mm	mm	
			TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	T.BRUNGARD	01/24/00	ANGULAR 0° ±2°	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	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 6 of 7



Copyright FCI.

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

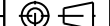


NOTES:

- 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°	Product family			METRAL	ECN		*
							Spec ref		*	
			title				dwg no		Rev.	
			METRAL SIGNAL HEADER				70218		BX	
			I MOD, 4 ROW PRESS-FIT							
catalog no			-				CUSTOMER		sheet 7 of 7	