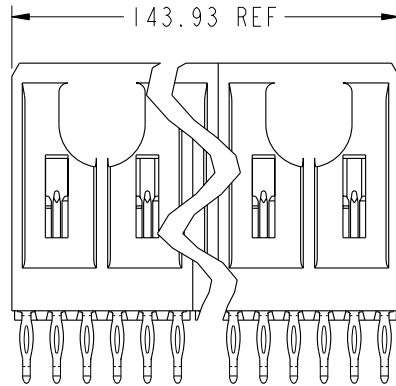
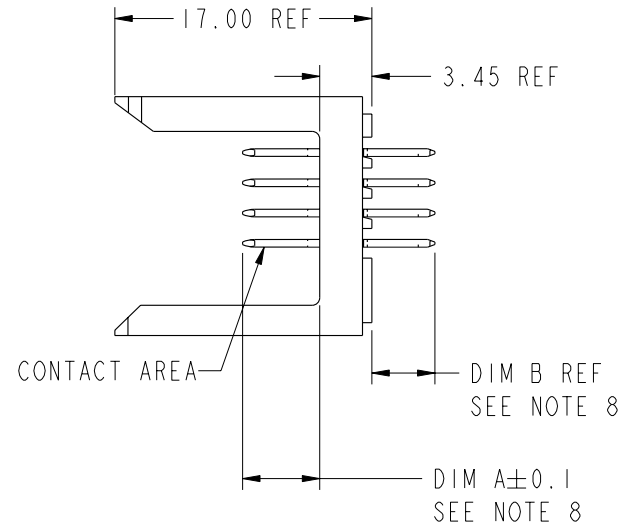
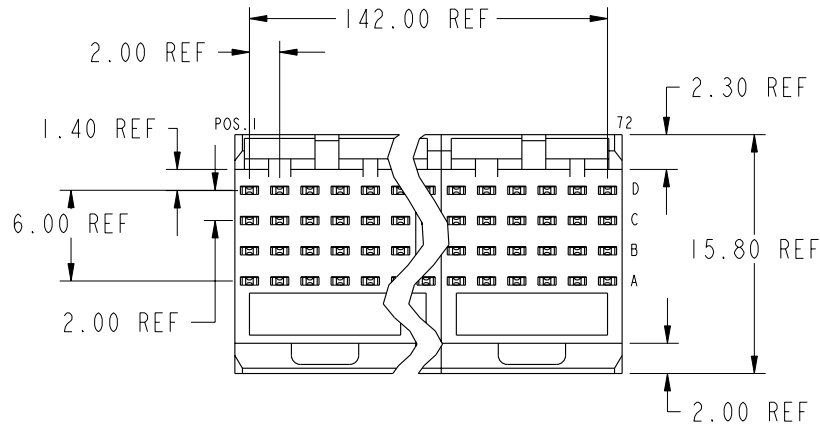


PRODUCT NUMBER

SEE TABLE



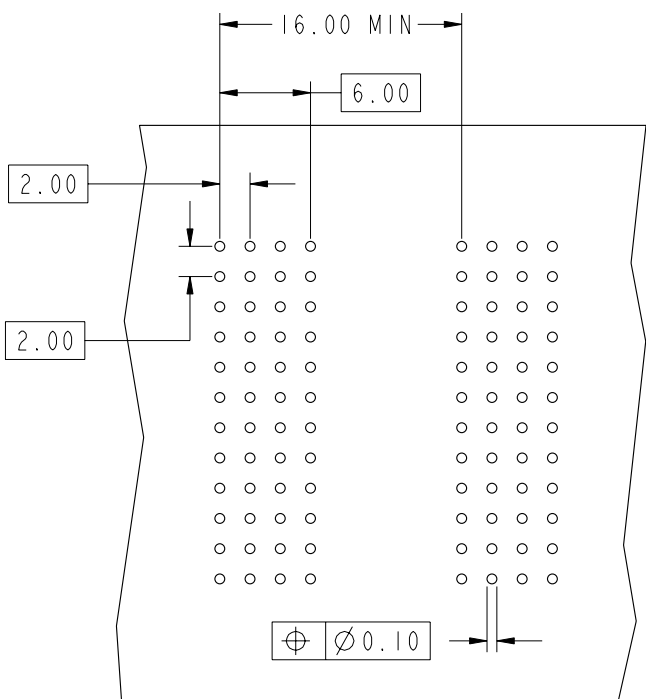
mat'l code				tolerances unless otherwise specified				CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3			COPY		title	
K	V06-0498	DCH	2006-06-05		0.XX ±0.13			projection		METRAL SIGNAL HEADER	
-	-	-	-		.XXX ±.051					12 MOD, 4 ROW PRESS-FIT	
E	V11725	JWS	08/27/01	angles	0° ±2°					product family METRAL code	
F	V03-0024	TAB	02/05/03	dr	T.BRUNGARD	11/19/99	MM		size		213
G	V03-1319	DAI	12/17/03	engr	M.STRAWSER	11/19/99	← MM →		dwg no		sheet
H	V04-0701	TAB	07/29/04	chr	M.STRAWSER	11/19/99	scale		A		1 of 7
J	V05-0363	VS	05/04/05	appd	M.STRAWSER	02/29/00	2:1		70458		
sheet	revision	K	K	K	K	K	K	K			
index	sheet	1	2	3	4	5	6	7			

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1 | 2

3 |

4



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
10	5.75	17.00
11	6.50	17.00
12	7.25	17.00
13	8.25	4.30
14	8.25	13.60
15	8.25	17.00
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



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mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY		projection	 title METRAL SIGNAL HEADER 12 MOD, 4 ROW PRESS-FIT
K					0.XX ±0.13	MM			
					.XXX ±.051	 scale 1:1			
				angles	0° ±2°	product family		METRAL	
				dr	T.BRUNGARD	11/19/99	size	dwg no	
				engr	M.STRAWSER	11/19/99	A	70458	
				chr	M.STRAWSER	11/19/99	code		213
				appd	M.STRAWSER	02/29/00	sheet		2
sheet index	revision sheet								

cage code 22526

Pro/E

3 |

4

PRODUCT NUMBER	DESCRIPTION	PLATING IN PRESS FIT TAIL AREA	PERFORMANCE LEVEL OF PLATING IN CONTACT AREA
70458-NIYY	STANDARD	TIN LEAD	TELCORDIA CO (NXT)
70458-N5YY	STANDARD	TIN LEAD	TECORDIA UE (NXT)
70458-1YY	STANDARD	TIN LEAD	TELCORDIA CO
70458-2YY	STANDARD	TIN LEAD	TELECOM CLASS
70458-3YY	STANDARD	TIN LEAD	IEC CLASS I
70458-5YY	STANDARD	TIN LEAD	TELCORDIA UE
70458-9YY	STANDARD	TIN LEAD	TELCORDIA CO
70458-NIYYLF	LEAD FREE	TIN	TELCORDIA CO (NXT), IEC CLASS I, SEE NOTES 9 AND 10
70458-N5YYLF	LEAD FREE	TIN	TECORDIA UE (NXT) SEE NOTES 9 AND 10
70458-1YYLF	LEAD FREE	TIN	TELCORDIA CO, IEC CLASS I, SEE NOTES 9 AND 10
70458-2YYLF	LEAD FREE	TIN	TELECOM CLASS, SEE NOTES 9 AND 10
70458-5YYLF	LEAD FREE	TIN	TELCORDIA UE, SEE NOTES 9 AND 10

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 AREA SEE PRODUCT NUMBER TABLE.  
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE ON SHEET3.
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, 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. THE PRODUCTS WHERE THE PART NUMBERS ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-12-008.
10. ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING 70458-NI--- OR 70458-N5--- WILL WITHSTAND EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. PART NUMBERS 70458-NI--- AND 70458-N5--- WILL NOT WITHSTAND REFLOW AND THE A<sub>0</sub> CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140 DEGREES C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.



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mat'l code		--		tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY		title	
K				angles	0.XX ±0.13	projection		12 MOD, 4 ROW PRESS-FIT	
				dr	.XXX ±.051			product family	
				engr	0° ±2°			METRAL	
				chr		scale		code	
				appd		1:1		213	
sheet index		revision sheet				A		3	
						70458		3	

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1   2						3						4																	
METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 12				METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 12				METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 12				METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 12									
		1	2	3	4			1	2	3	4			1	2	3	4			1	2	3	4						
70458-X10 AND 70458-X10LF	D	1	1	1	1	70458-X15 AND 70458-X15LF	D	3	3	3	3	70458-X20 AND 70458-X20LF	D	5	5	5	5	70458-X25 AND 70458-X25LF	D	7	7	7	7	70458-X30 AND 70458-X30LF	D	9	9	9	9
	C	2	2	2	2		C	3	3	3	3		C	6	6	6	6		C	7	7	7	7		C	10	10	10	10
	B	2	2	2	2		B	3	3	3	3		B	6	6	6	6		B	7	7	7	7		B	10	10	10	10
	A	3	3	3	3		A	3	3	3	3		A	7	7	7	7		A	7	7	7	7		A	11	11	11	11
70458-X11 AND 70458-X11LF	D	1	1	1	1	70458-X16 AND 70458-X16LF	D	2	2	2	2	70458-X21 AND 70458-X21LF	D	5	5	5	5	70458-X26 AND 70458-X26LF	D	6	6	6	6	70458-X31 AND 70458-X31LF	D	9	9	9	9
	C	1	1	1	1		C	2	2	2	2		C	5	5	5	5		C	6	6	6	6		C	9	9	9	9
	B	1	1	1	1		B	2	2	2	2		B	5	5	5	5		B	6	6	6	6		B	9	9	9	9
	A	1	1	1	1		A	2	2	2	2		A	5	5	5	5		A	6	6	6	6		A	9	9	9	9
70458-X12 AND 70458-X12LF	D	1	1	1	1	70458-X17 AND 70458-X17LF	D	3	3	3	3	70458-X22 AND 70458-X22LF	D	5	5	5	5	70458-X27 AND 70458-X27LF	D	7	7	7	7	70458-X32 AND 70458-X32LF	D	9	9	9	9
	C	1	1	1	1		C	2	2	2	2		C	5	5	5	5		C	6	6	6	6		C	9	9	9	9
	B	1	1	1	1		B	2	2	2	2		B	5	5	5	5		B	6	6	6	6		B	9	9	9	9
	A	3	3	3	3		A	1	1	1	1		A	7	7	7	7		A	5	5	5	5		A	11	11	11	11
70458-X13 AND 70458-X13LF	D	3	3	3	3	70458-X18 AND 70458-X18LF	D	3	3	3	3	70458-X23 AND 70458-X23LF	D	7	7	7	7	70458-X28 AND 70458-X28LF	D	7	7	7	7	70458-X33 AND 70458-X33LF	D	11	11	11	11
	C	2	2	2	2		C	1	1	1	1		C	6	6	6	6		C	5	5	5	5		C	10	10	10	10
	B	2	2	2	2		B	1	1	1	1		B	6	6	6	6		B	5	5	5	5		B	10	10	10	10
	A	3	3	3	3		A	1	1	1	1		A	7	7	7	7		A	5	5	5	5		A	11	11	11	11
70458-X14 AND 70458-X14LF	D	4	4	4	4	70458-X19 AND 70458-X19LF	D	4	4	4	4	70458-X24 AND 70458-X24LF	D	8	8	8	8	70458-X29 AND 70458-X29LF	D	8	8	8	8	70458-X34 AND 70458-X34LF	D	12	12	12	12
	C	3	3	3	3		C	4	4	4	4		C	7	7	7	7		C	8	8	8	8		C	11	11	11	11
	B	3	3	3	3		B	4	4	4	4		B	7	7	7	7		B	8	8	8	8		B	11	11	11	11
	A	4	4	4	4		A	4	4	4	4		A	8	8	8	8		A	8	8	8	8		A	12	12	12	12

mat'l code				--		tolerances unless otherwise specified		CUSTOMER		FCi www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY		projection	title	
K					0.XX ±0.13		MM			METRAL SIGNAL HEADER	
					.XXX ±.051		MM			12 MOD, 4 ROW PRESS-FIT	
				angles	0° ±2°		scale		product family		
				dr	T.BRUNGARD	11/19/99	1:1		METRAL		
				engr	M.STRAWSER	11/19/99	A		code		
				chr	M.STRAWSER	11/19/99	A		213		
				appd	M.STRAWSER	02/29/00	A		sheet		
sheet index		revision sheet								4	

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METRAL P/N		CONTACT CODE MOD. 1 THRU 12					
ROW		1	2	3	4	5	6
70458-X35 AND 70458-X35LF	D	1	1	1	1	1	1
	C	1	1	1	1	1	1
	B	1	1	1	1	1	1
	A	1	1	1	1	1	1
70458-X36 AND 70458-X36LF	D	10	10	10	10	10	10
	C	10	10	10	10	10	10
	B	10	10	10	10	10	10
	A	10	10	10	10	10	10
70458-X37 AND 70458-X37LF	D	1	1	1	1	1	1
	C	10	10	10	10	10	10
	B	10	10	10	10	10	10
	A	9	9	9	9	9	9
70458-X38 AND 70458-X38LF	D	1	1	1	1	1	1
	C	9	9	9	9	9	9
	B	9	9	9	9	9	9
	A	9	9	9	9	9	9
70458-X39 AND 70458-X39LF	D	12	12	12	12	12	12
	C	12	12	12	12	12	12
	B	12	12	12	12	12	12
	A	12	12	12	12	12	12
70458-X40 AND 70458-X40LF	D	2	2	2	2	2	2
	C	2	2	2	2	2	2
	B	4	4	4	4	4	4
	A	2	2	2	2	2	2
70458-X41 AND 70458-X41LF	D	2	2	2	2	2	2
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
	A	4	4	4	4	4	4
70458-X42 AND 70458-X42LF	D	1	1	1	1	1	1
	C	1	1	1	1	1	1
	B	1	1	1	1	1	1
	A	2	2	2	2	2	2
70458-X43 AND 70458-X43LF	D	13	13	13	13	13	13
	C	3	3	3	3	3	3
	B	3	3	3	3	3	3
	A	3	3	3	3	3	3
70458-X44 AND 70458-X44LF	D	2	2	2	2	2	2
	C	3	3	3	3	3	3
	B	4	4	4	4	4	4
	A	3	3	3	3	3	3
70458-X45 AND 70458-X45LF	D	1	1	1	1	1	1
	C	2	2	2	2	2	2
	B	3	3	3	3	3	3
	A	4	4	4	4	4	4
70458-X46 AND 70458-X46LF	D	19	19	19	19	19	19
	C	3	3	3	3	3	3
	B	3	3	3	3	3	3
	A	3	3	3	3	3	3
70458-X47 AND 70458-X47LF	D	4	4	4	4	4	4
	C	4	4	4	4	4	4
	B	13	13	13	13	13	13
	A	13	13	13	13	13	13
70458-X48 AND 70458-X48LF	D	19	19	19	19	19	19
	C	19	19	19	19	19	19
	B	19	19	19	19	19	19
	A	19	19	19	19	19	19
70458-X49 AND 70458-X49LF	D	4	4	4	4	4	4
	C	3	3	3	3	3	3
	B	3	3	3	3	3	3
	A	3	3	3	3	3	3
70458-X50 AND 70458-X50LF	D	6	6	6	6	6	6
	C	6	6	6	6	6	6
	B	8	8	8	8	8	8
	A	6	6	6	6	6	6
70458-X51 AND 70458-X51LF	D	6	6	6	6	6	6
	C	6	6	6	6	6	6
	B	6	6	6	6	6	6
	A	8	8	8	8	8	8
70458-X52 AND 70458-X52LF	D	5	5	5	5	5	5
	C	5	5	5	5	5	5
	B	5	5	5	5	5	5
	A	6	6	6	6	6	6
70458-X53 AND 70458-X53LF	D	14	14	14	14	14	14
	C	7	7	7	7	7	7
	B	7	7	7	7	7	7
	A	7	7	7	7	7	7
70458-X54 AND 70458-X54LF	D	6	6	6	6	6	6
	C	7	7	7	7	7	7
	B	8	8	8	8	8	8
	A	7	7	7	7	7	7
70458-X55 AND 70458-X55LF	D	5	5	5	5	5	5
	C	6	6	6	6	6	6
	B	7	7	7	7	7	7
	A	8	8	8	8	8	8
70458-X56 AND 70458-X56LF	D	20	20	20	20	20	20
	C	7	7	7	7	7	7
	B	7	7	7	7	7	7
	A	7	7	7	7	7	7
70458-X57 AND 70458-X57LF	D	8	8	8	8	8	8
	C	8	8	8	8	8	8
	B	14	14	14	14	14	14
	A	14	14	14	14	14	14
70458-X58 AND 70458-X58LF	D	20	20	20	20	20	20
	C	20	20	20	20	20	20
	B	20	20	20	20	20	20
	A	20	20	20	20	20	20
70458-X59 AND 70458-X59LF	D	8	8	8	8	8	8
	C	7	7	7	7	7	7
	B	7	7	7	7	7	7
	A	7	7	7	7	7	7

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCi		www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		projection		title	
K				angles	0.XX ±0.13	MM				METRAL SIGNAL HEADER	
				dr	.XXX ±.051	MM				12 MOD, 4 ROW PRESS-FIT	
				enrg	0° ±2°	MM		product family		METRAL	
				chr	T.BRUNGARD 11/19/99	MM		size		213	
				appd	M.STRAWSER 11/19/99	MM		dwg no		70458	
					M.STRAWSER 11/19/99	MM		A		sheet	
					M.STRAWSER 02/29/00	MM		1:1		5	
sheet index	revision sheet										

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METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 12					
		1	2	3	4	5	6
70458-X60 AND 70458-X60LF	D	10	10	10	10	10	10
	C	10	10	10	10	10	10
	B	12	12	12	12	12	12
	A	10	10	10	10	10	10
70458-X61 AND 70458-X61LF	D	10	10	10	10	10	10
	C	10	10	10	10	10	10
	B	10	10	10	10	10	10
	A	12	12	12	12	12	12
70458-X62 AND 70458-X62LF	D	9	9	9	9	9	9
	C	9	9	9	9	9	9
	B	9	9	9	9	9	9
	A	10	10	10	10	10	10
70458-X63 AND 70458-X63LF	D	15	15	15	15	15	15
	C	11	11	11	11	11	11
	B	11	11	11	11	11	11
	A	11	11	11	11	11	11
70458-X64 AND 70458-X64LF	D	10	10	10	10	10	10
	C	11	11	11	11	11	11
	B	12	12	12	12	12	12
	A	11	11	11	11	11	11
70458-X65 AND 70458-X65LF	D	9	9	9	9	9	9
	C	10	10	10	10	10	10
	B	11	11	11	11	11	11
	A	12	12	12	12	12	12
70458-X66 AND 70458-X66LF	D	21	21	21	21	21	21
	C	11	11	11	11	11	11
	B	11	11	11	11	11	11
	A	11	11	11	11	11	11
70458-X67 AND 70458-X67LF	D	12	12	12	12	12	12
	C	12	12	12	12	12	12
	B	15	15	15	15	15	15
	A	15	15	15	15	15	15
70458-X68 AND 70458-X68LF	D	21	21	21	21	21	21
	C	21	21	21	21	21	21
	B	21	21	21	21	21	21
	A	21	21	21	21	21	21
70458-X69 AND 70458-X69LF	D	12	12	12	12	12	12
	C	11	11	11	11	11	11
	B	11	11	11	11	11	11
	A	11	11	11	11	11	11
70458-X70 AND 70458-X70LF	D	4	4	4	4	4	4
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
	A	2	2	2	2	2	2
70458-X71 AND 70458-X71LF	D	3	3	3	3	3	3
	C	3	3	3	3	3	3
	B	1	1	1	1	1	1
	A	3	3	3	3	3	3
70458-X72 AND 70458-X72LF	D	2	2	2	2	2	2
	C	4	4	4	4	4	4
	B	4	4	4	4	4	4
	A	19	19	19	19	19	19
70458-X73 AND 70458-X73LF	D	2	2	2	2	2	2
	C	3	3	3	3	3	3
	B	2	2	2	2	2	2
	A	3	3	3	3	3	3
70458-X74 AND 70458-X74LF	D	2	2	2	2	2	2
	C	3	3	3	3	3	3
	B	3	3	3	3	3	3
	A	3	3	3	3	3	3
70458-X75 AND 70458-X75LF	D	2	2	2	2	2	2
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
	A	3	3	3	3	3	3
70458-X76 AND 70458-X76LF	D	19	19	19	19	19	19
	C	1	1	1	1	1	1
	B	1	1	1	1	1	1
	A	19	19	19	19	19	19
70458-X77 AND 70458-X77LF	D	2	2	2	2	2	2
	C	3	3	3	3	3	3
	B	19	19	19	19	19	19
	A	3	3	3	3	3	3
70458-X78 AND 70458-X78LF	D	1	1	1	1	1	1
	C	3	3	3	3	3	3
	B	3	3	3	3	3	3
	A	1	1	1	1	1	1
70458-X79 AND 70458-X79LF	D	19	19	19	19	19	19
	C	19	19	19	19	19	19
	B	19	19	19	19	19	19
	A	1	1	1	1	1	1
70458-X80 AND 70458-X80LF	D	8	8	8	8	8	8
	C	6	6	6	6	6	6
	B	6	6	6	6	6	6
	A	6	6	6	6	6	6
70458-X81 AND 70458-X81LF	D	7	7	7	7	7	7
	C	7	7	7	7	7	7
	B	5	5	5	5	5	5
	A	7	7	7	7	7	7
70458-X82 AND 70458-X82LF	D	6	6	6	6	6	6
	C	8	8	8	8	8	8
	B	8	8	8	8	8	8
	A	20	20	20	20	20	20
70458-X83 AND 70458-X83LF	D	6	6	6	6	6	6
	C	7	7	7	7	7	7
	B	6	6	6	6	6	6
	A	7	7	7	7	7	7
70458-X84 AND 70458-X84LF	D	6	6	6	6	6	6
	C	7	7	7	7	7	7
	B	7	7	7	7	7	7
	A	7	7	7	7	7	7

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCi		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY		projection		title	
K				angles	0.XX ±0.13	MM				METRAL SIGNAL HEADER	
				dr	.XXX ±.051	scale		product family		code	
				engr	0° ±2°	1:1		METRAL		213	
				chr	T.BRUNGARD 11/19/99	A		size		sheet	
				appd	M.STRAWSER 11/19/99	70458		dwg no		6	
					M.STRAWSER 02/29/00						
sheet index	revision sheet										

METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 12					
		1	2	3	4	5	6
70458-X85 AND 70458-X85LF	D	6	6	6	6	6	6
	C	6	6	6	6	6	6
	B	6	6	6	6	6	6
	A	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 12					
		1	2	3	4	5	6
70458-X90 AND 70458-X90LF	D	12	12	12	12	12	12
	C	10	10	10	10	10	10
	B	10	10	10	10	10	10
	A	10	10	10	10	10	10

METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 12					
		1	2	3	4	5	6
70458-X95 AND 70458-X95LF	D	10	10	10	10	10	10
	C	10	10	10	10	10	10
	B	10	10	10	10	10	10
	A	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 12					
		1	2	3	4	5	6
70458-X86 AND 70458-X86LF	D	20	20	20	20	20	20
	C	5	5	5	5	5	5
	B	5	5	5	5	5	5
	A	20	20	20	20	20	20

METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 12					
		1	2	3	4	5	6
70458-X91 AND 70458-X91LF	D	11	11	11	11	11	11
	C	11	11	11	11	11	11
	B	9	9	9	9	9	9
	A	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 12					
		1	2	3	4	5	6
70458-X96 AND 70458-X96LF	D	21	21	21	21	21	21
	C	9	9	9	9	9	9
	B	9	9	9	9	9	9
	A	21	21	21	21	21	21

METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 12					
		1	2	3	4	5	6
70458-X87 AND 70458-X87LF	D	6	6	6	6	6	6
	C	7	7	7	7	7	7
	B	20	20	20	20	20	20
	A	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 12					
		1	2	3	4	5	6
70458-X92 AND 70458-X92LF	D	10	10	10	10	10	10
	C	12	12	12	12	12	12
	B	12	12	12	12	12	12
	A	21	21	21	21	21	21

METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 12					
		1	2	3	4	5	6
70458-X97 AND 70458-X97LF	D	10	10	10	10	10	10
	C	11	11	11	11	11	11
	B	21	21	21	21	21	21
	A	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 12					
		1	2	3	4	5	6
70458-X88 AND 70458-X88LF	D	5	5	5	5	5	5
	C	7	7	7	7	7	7
	B	7	7	7	7	7	7
	A	5	5	5	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 12					
		1	2	3	4	5	6
70458-X93 AND 70458-X93LF	D	10	10	10	10	10	10
	C	11	11	11	11	11	11
	B	10	10	10	10	10	10
	A	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 12					
		1	2	3	4	5	6
70458-X98 AND 70458-X98LF	D	9	9	9	9	9	9
	C	11	11	11	11	11	11
	B	11	11	11	11	11	11
	A	9	9	9	9	9	9

METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 12					
		1	2	3	4	5	6
70458-X89 AND 70458-X89LF	D	5	5	5	5	5	5
	C	20	20	20	20	20	20
	B	20	20	20	20	20	20
	A	5	5	5	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 12					
		1	2	3	4	5	6
70458-X94 AND 70458-X94LF	D	10	10	10	10	10	10
	C	11	11	11	11	11	11
	B	11	11	11	11	11	11
	A	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 12					
		1	2	3	4	5	6
70458-X99 AND 70458-X99LF	D	9	9	9	9	9	9
	C	21	21	21	21	21	21
	B	21	21	21	21	21	21
	A	9	9	9	9	9	9



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mat'l code				tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY		projection	title METRAL SIGNAL HEADER 12 MOD, 4 ROW PRESS-FIT
K					0.XX ±0.13				
					.XXX ±.051				
				angles	0° ±2°	product family METRAL		code	213
				dr	T.BRUNGARD 11/19/99	size 70458		sheet	7
				engr	M.STRAWSER 11/19/99	scale 1:1			
				chr	M.STRAWSER 11/19/99				
				appd	M.STRAWSER 02/29/00				
sheet index	revision sheet								