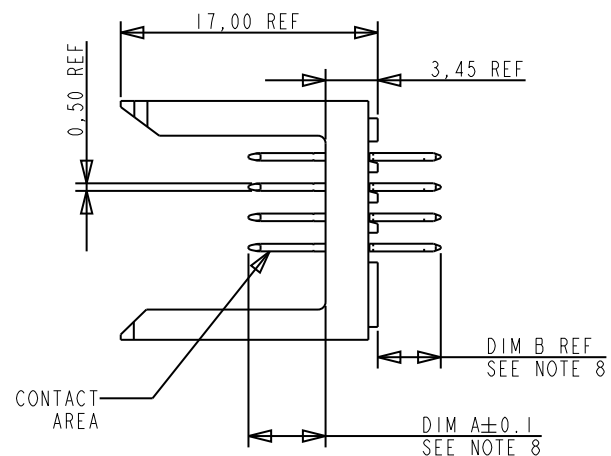
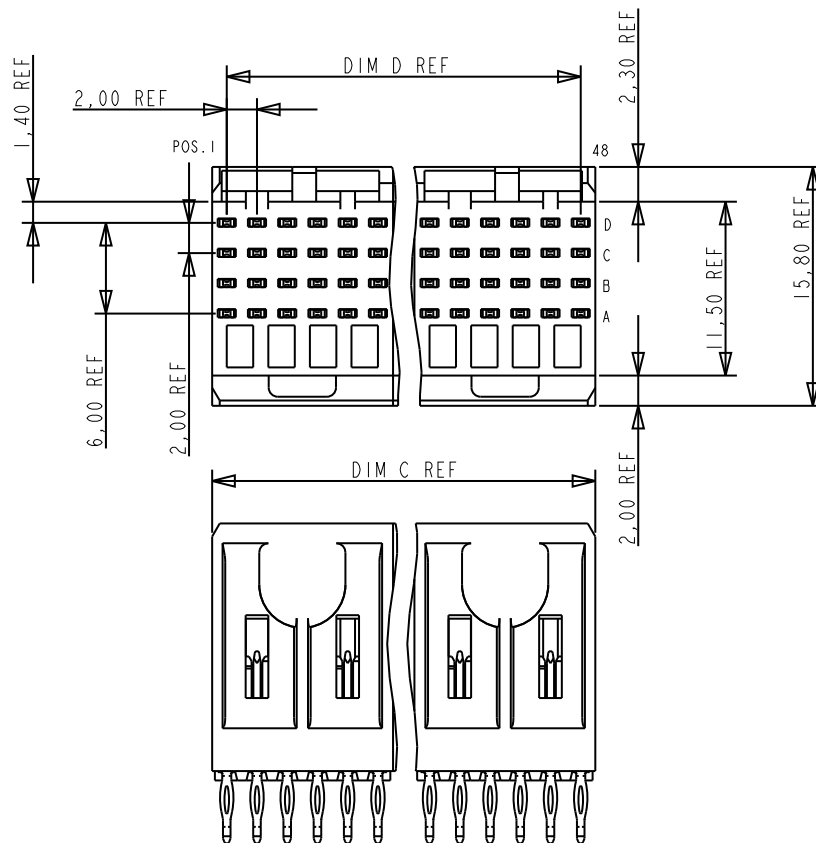


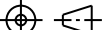
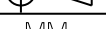


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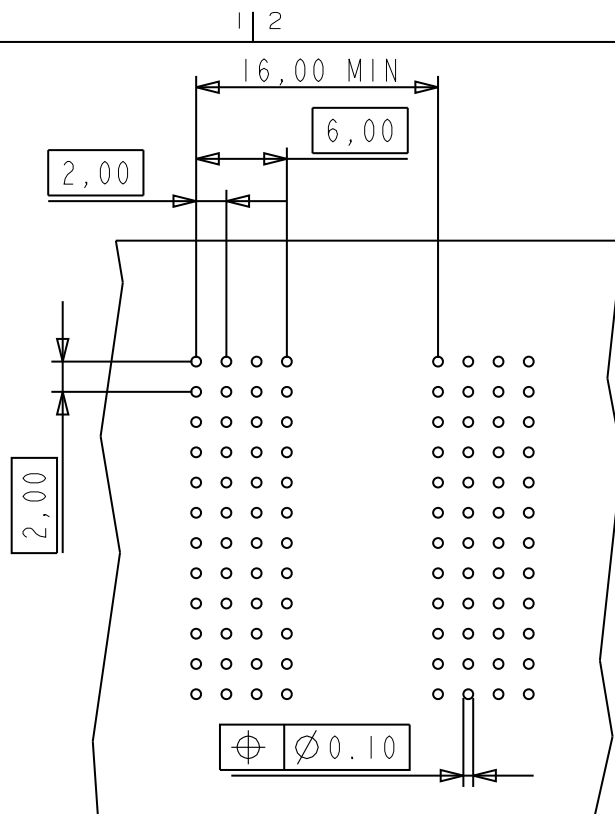
PRODUCT NUMBER

SEE TABLE

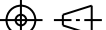


mat'l code				--		tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com					
ltr	ecn no.	dr	date	linear	0.X ±0.3				COPY				title METRAL SIGNAL HEADER 4 ROW PRESS-FIT, NO KEYWELL						
P	V06-0498	DCH	2006-05-24		0.XX ±0.13				projection										
R	DG09-0105	TER	2009-04-29		.XXX ±.051														
-	-	-	-	angles	0° ±2°								product family METRALcode 213 sheet 1 of 1						
K	V04-0225	HTB	03/03/04	dr	T.BURNGARD	11/19/99		MM scale 2/1				size					dwg no		
L	V04-0248	HTB	03/09/04	enr	M.STRAWER	11/19/99						A					58355		
M	V04-0554	TAB	06/07/04	chr	M.STRAWER	11/19/99						A		58355					
N	V05-0358	VS	04/27/05	appd	M.STRAWER	02/29/00		R				A							
sheet index		revision sheet		R	R	R	R	R	R	R	R	R	R	R	R				
				1	2	3	4	5	6	7	8	9	10	11					

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REQUIRED PC BOARD LAYOUT
 COMPONENT SIDE
 SEE PRINT 58351 FOR
 ADDITIONAL PCB INFORMATION

mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com		
lfr	ecn no.	dr	date	linear	0.X ±0.3		COPY		title METRAL SIGNAL HEADER 4 ROW PRESS-FIT, NO KEYWELL	
R					0.XX ±0.13		projection 			
					.XXX ±.051					
				angles	0° ±2°					
		dr	T.BURNGARD	11/19/99			product family		METRAL	code
		engr	M.STRAWSE	11/19/99			size		dwg no	213
		chr	M.STRAWSE	11/19/99			scale		1/1	sheet
		appd	M.STRAWSE	02/29/00					A	58355
sheet	revision									
index	sheet									



PRODUCT NUMBER	DESCRIPTION	PLATING IN PRESS FIT TAIL AREA	PERFORMANCE LEVEL OF PLATING IN CONTACT AREA
58355-NIYY	STANDARD	TIN LEAD	TELCORDIA CO (NXT)
58355-N5YY	STANDARD	TIN LEAD	TECORDIA UE (NXT)
58355-IYY	STANDARD	TIN LEAD	TELCORDIA CO
58355-2YY	STANDARD	TIN LEAD	TELECOM CLASS
58355-3YY	STANDARD	TIN LEAD	IEC CLASS I
58355-5YY	STANDARD	TIN LEAD	TELCORDIA UE
58355-9YY	STANDARD	TIN LEAD	TELCORDIA CO
58355-NIYYLF	LEAD FREE	TIN	TELCORDIA CO (NXT), IEC CLASS I, SEE NOTES 9 AND 10
58355-N5YYLF	LEAD FREE	TIN	TECORDIA UE (NXT) SEE NOTES 9 AND 10
58355-IYYLF	LEAD FREE	TIN	TELCORDIA CO, IEC CLASS I, SEE NOTES 9 AND 10
58355-2YYLF	LEAD FREE	TIN	TELECOM CLASS, SEE NOTES 9 AND 10
58355-5YYLF	LEAD FREE	TIN	TELCORDIA UE, SEE NOTES 9 AND 10

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCJ www.fcjconnect.com					
lfr	ecn no.	dr	date	linear	0.X ±0.3	projection	COPY	title	METRAL SIGNAL HEADER 4 ROW PRESS-FIT, NO KEYWELL				
R					0.XX ±0.13								
					.XXX ±.051								
				angles	0° ±2°			product family	METRAL				
				dr	T.BURNGARD					11/19/99	size	dwg no	code
				enr	M.STRAWSE					11/19/99			
				chr	M.STRAWSE	11/19/99							
				appd	M.STRAWSE	02/29/00	scale	1/1	A	58355	213		
sheet	revision												
index	sheet												



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 TAIL 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, A 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 58355-N1--- OR 58355-N5--- WILL WITHSTAND
EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A
CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
PART NUMBERS 58355-N1--- AND 58355-N5--- WILL NOT
WITHSTAND REFLOW AND THE Au 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.

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
19	8.00	4.30
40	5.00	15.60
41	6.50	15.60
61	6.50	11.80

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com					
ltr	ecn no.	dr	date	linear	0.X ±0.3	projection	COPY	title	METRAL SIGNAL HEADER 4 ROW PRESS-FIT, NO KEYWELL				
R					0.XX ±0.13								
					.XXX ±.051								
					0° ±2°								
				angles	0° ±2°		MM	product family	METRAL				
				dr	T.BURNGARD					11/19/99	size	dwg no	code
				enrg	M.STRAWSE					11/19/99			
				chr	M.STRAWSE					11/19/99			
				appd	M.STRAWSE	02/29/00	A	58355	sheet 4				
sheet	revision									scale	1/1	cage code	22526
index	sheet												



METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. 1						MOD. 2					
				1	2	3	4	5	6	7	8	9	10	11	12
58355-X21 AND 58355-X21LF	23.93	22.00	D	1	1	1	1	1	1	1	1	1	1	1	1
			C	1	1	1	1	1	1	1	1	1	1	1	1
			B	1	1	1	1	1	1	1	1	1	1	1	1
			A	1	1	1	1	1	1	1	1	1	1	1	1
METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. 1						MOD. 2					
				1	2	3	4	5	6	7	8	9	10	11	12
58355-X22 AND 58355-X22LF	23.93	22.00	D	5	5	5	5	5	5	5	5	5	5	5	5
			C	5	5	5	5	5	5	5	5	5	5	5	5
			B	5	5	5	5	5	5	5	5	5	5	5	5
			A	5	5	5	5	5	5	5	5	5	5	5	5
METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. 1						MOD. 2					
				1	2	3	4	5	6	7	8	9	10	11	12
58355-X23 AND 58355-X23LF	23.93	22.00	D	1	2	2	2	2	3	1	3	2	2	2	1
			C	1	2	2	2	2	3	1	3	2	2	2	1
			B	1	2	2	2	2	3	1	3	2	2	2	1
			A	1	2	2	2	2	3	1	3	2	2	2	1
METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. 1						MOD. 2					
				1	2	3	4	5	6	7	8	9	10	11	12
58355-X24 AND 58355-X24LF	23.93	22.00	D	1	1	1	1	1	1	1	1	1	1	1	1
			C	1	1	1	1	1	1	1	1	1	1	1	1
			B	1	1	1	1	1	1	1	1	1	1	1	1
			A	3	3	3	3	3	3	3	3	3	3	3	3
METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. 1						MOD. 2					
				1	2	3	4	5	6	7	8	9	10	11	12
58355-X25 AND 58355-X25LF	23.93	22.00	D	3	3	3	3	3	3	3	3	3	3	3	3
			C	3	3	3	3	3	3	3	3	3	3	3	3
			B	3	3	3	3	3	3	3	3	3	3	3	3
			A	3	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. 1						MOD. 2					
				1	2	3	4	5	6	7	8	9	10	11	12
58355-X26 AND 58355-X26LF	23.93	22.00	D	7	7	7	7	7	7	7	7	7	7	7	7
			C	7	7	7	7	7	7	7	7	7	7	7	7
			B	7	7	7	7	7	7	7	7	7	7	7	7
			A	7	7	7	7	7	7	7	7	7	7	7	7

METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. 1						MOD. 2					
				1	2	3	4	5	6	7	8	9	10	11	12
58355-X27 AND 58355-X27LF	23.93	22.00	D	-	1	1	1	-	1	-	1	-	1	-	1
			C	1	-	1	-	1	-	1	-	1	-	1	-
			B	-	1	1	1	-	1	-	1	-	1	-	1
			A	3	-	3	-	1	-	1	-	1	-	1	-

METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. 1						MOD. 2							
				1	2	3	4	5	6	7	8	9	10	11	12		
58355-X28 AND 58355-X28LF	23.93	22.00	D	6	1	6	1	6	1	6	1	6	1	6	1	6	1
			C	6	1	6	1	6	1	6	1	6	1	6	1	6	1
			B	6	1	6	1	6	1	6	1	6	1	6	1	6	1
			A	6	1	6	1	6	1	6	1	6	1	6	1	6	1

METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. 1						MOD. 2						
				1	2	3	4	5	6	7	8	9	10	11	12	
58355-X29 AND 58355-X29LF	23.93	22.00	D	3	3	1	1	1	1	1	1	1	1	1	1	3
			C	1	1	1	1	1	1	1	1	1	1	1	1	1
			B	1	1	1	1	1	1	1	1	1	1	1	1	1
			A	1	1	1	1	1	1	1	1	1	1	1	1	1

METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. 1						MOD. 2					
				1	2	3	4	5	6	7	8	9	10	11	12
58355-X30 AND 58355-X30LF	23.93	22.00	D	3	2	2	1	1	1	1	1	2	2	3	3
			C	3	2	2	1	1	1	1	1	2	2	3	3
			B	3	2	2	1	1	1	1	1	2	2	3	3
			A	3	2	2	1	1	1	1	1	2	2	3	3

mat'l code				--				tolerances unless otherwise specified				CUSTOMER				www.fcjconnect.com			
lfr		ecn no.		dr		date		linear		0.X ±0.3		projection				title		METRAL SIGNAL HEADER 4 ROW PRESS-FIT, NO KEYWELL	
R										0.XX ±0.13									
								angles		.XXX ±.051				MM		product family		METRAL	
										0° ±2°									
								dr		T.BURNARD		11/19/99		scale		A		size	
								enrg		M.STRAWER		11/19/99							
								chr		M.STRAWER		11/19/99		1/1		dwg no		58355	
								appd		M.STRAWER		02/29/00							
sheet		revision																	
index		sheet																	



1

2

METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. 1						MOD. 2				MOD. 3				MOD. 4								
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
58355-X41 AND 58355-X41LF	47.93	46.00	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
			C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
			B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
			A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. 1						MOD. 2				MOD. 3				MOD. 4								
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
58355-X42 AND 58355-X42LF	47.93	46.00	D	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
			C	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
			B	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
			A	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. 1						MOD. 2				MOD. 3				MOD. 4								
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
58355-X43 AND 58355-X43LF	47.93	46.00	D	7	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	7
			C	7	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	7
			B	7	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	7
			A	7	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	7

METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. 1						MOD. 2				MOD. 3				MOD. 4								
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
58355-X44 AND 58355-X44LF	47.93	46.00	D	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3
			C	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3
			B	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3
			A	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3

METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. 1						MOD. 2				MOD. 3				MOD. 4								
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
58355-X45 AND 58355-X45LF	47.93	46.00	D	5	7	6	6	6	6	6	6	6	6	6	5	7	6	6	6	6	6	6	6	7	5	5
			C	5	7	6	6	6	6	6	6	6	6	6	5	7	6	6	6	6	6	6	6	7	5	5
			B	5	7	6	6	6	6	6	6	6	6	6	5	7	6	6	6	6	6	6	6	7	5	5
			A	5	7	6	6	6	6	6	6	6	6	6	5	7	6	6	6	6	6	6	6	7	5	5

3

METRAL P/N	DIM C	DIM D	CONTACT CODE MOD. 1						MOD. 2				MOD. 3				MOD. 4										
			ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
58355-X46 AND 58355-X46LF	47.93	46.00	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
			C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
			B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
			A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	DIM C	DIM D	CONTACT CODE MOD. 1						MOD. 2				MOD. 3				MOD. 4										
			ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
58355-X47 AND 58355-X47LF	47.93	46.00	D	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
			C	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
			B	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
			A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	DIM C	DIM D	CONTACT CODE MOD. 1						MOD. 2				MOD. 3				MOD. 4										
			ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
58355-X48 AND 58355-X48LF	47.93	46.00	D	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
			C	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
			B	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
			A	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7

METRAL P/N	DIM C	DIM D	CONTACT CODE MOD. 1						MOD. 2				MOD. 3				MOD. 4										
			ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
58355-X49 AND 58355-X49LF	47.93	46.00	D	-	1	-	-	-	1	-	1	-	-	-	1	-	1	1	-	1	-	1	-	1	-	1	
			C	1	-	-	-	1	-	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1
			B	-	1	-	-	-	1	-	1	-	-	-	1	-	1	1	-	1	-	1	-	1	-	1	-
			A	1	-	1	-	1	-	-	-	1	-	1	-	3	-	3	-	1	-	1	-	1	-	1	-

METRAL P/N	DIM C	DIM D	CONTACT CODE MOD. 1						MOD. 2				MOD. 3				MOD. 4										
			ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
58355-X50 AND 58355-X50LF	47.93	46.00	D	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	
			C	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-
			B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
			A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

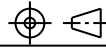
mat'l code				--		tolerances unless otherwise specified		CUSTOMER		FCJ		www.fcjconnect.com			
lfr	ecn no.	dr	date	linear	0.X ±0.3		COPY		projection		title		METRAL SIGNAL HEADER 4 ROW PRESS-FIT, NO KEYWELL		
R					0.XX ±0.13										
					.XXX ±.051										
				angles	0° ±2°										
				dr	T.BURNARD	11/19/99									
				enrg	M.STRAWER	11/19/99									
				chr	M.STRAWER	11/19/99									
				appd	M.STRAWER	02/29/00									
sheet		revision													
index		sheet													



METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
58355-X51 AND 58355-X51LF	47.93	46.00	D	-	1	-	1	-	1	-	1	-	-	-	1	-	1	1	1	-	1	-	1	-	1	-	1
			C	1	-	-	1	1	-	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1
			B	-	1	-	-	-	1	-	1	-	-	-	1	-	1	1	1	-	1	-	1	-	1	-	1
			A	1	-	1	-	1	-	-	1	-	1	-	3	-	3	-	1	-	1	-	1	-	1	-	1

METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
58355-X52 AND 58355-X52LF	47.93	46.00	D	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	
			C	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	
			B	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	
			A	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	

METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
58355-X53 AND 58355-X53LF	47.93	46.00	D	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	
			C	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	
			B	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	
			A	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	

mat'l code				--		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com		
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY				title METRAL SIGNAL HEADER 4 ROW PRESS-FIT, NO KEYWELL	
R					0.XX ±0.13							
					.XXX ±.051							
				angles	0° ±2°						product family METRAL	
				dr	T.BURNGARD	11/19/99						
				enr	M.STRAWSE	11/19/99						
				chr	M.STRAWSE	11/19/99			scale 1/1		size A	
				appd	M.STRAWSE	02/29/00						
sheet index		revision sheet									code 213 sheet 8	

