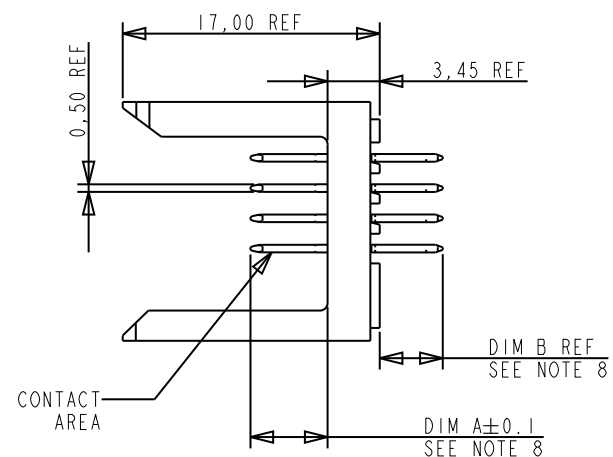
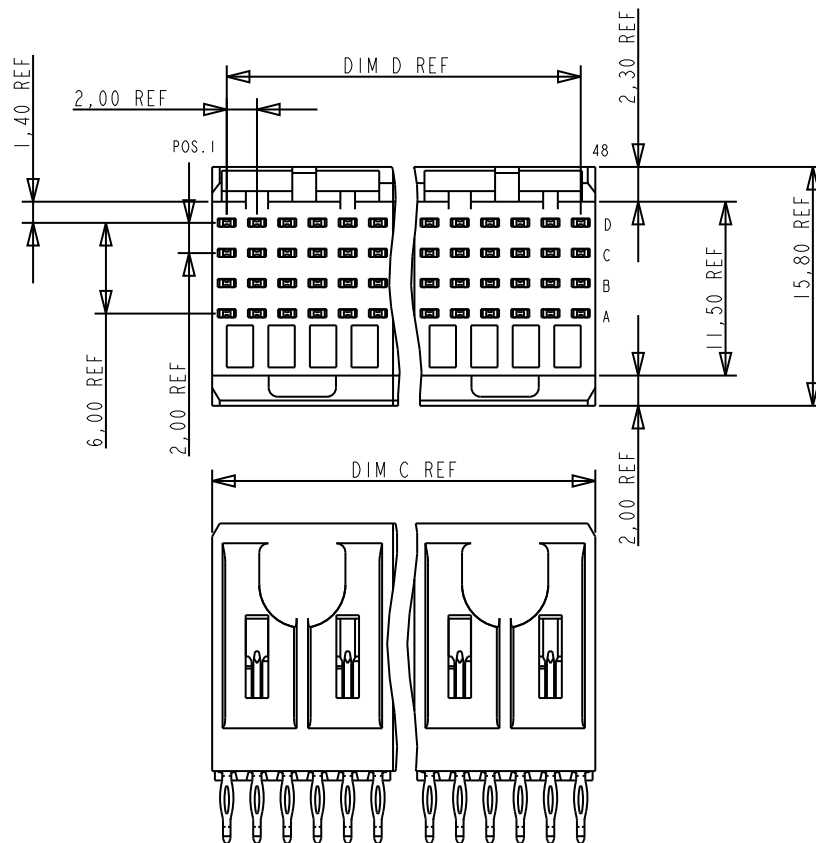
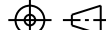




PRODUCT NUMBER

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																	
R	DG09-0105	TER	2009-04-29		.XXX ± .051																	
-	-	-	-	angles	0° ± 2°																	
K	V04-0225	HTB	03/03/04	dr	T.BURNGARD 11/19/99				 MM				product family				METRAL				code 213 sheet 1 of 1	
L	V04-0248	HTB	03/09/04	enrg	M.STRAWSE 11/19/99								size				dwg no					
M	V04-0554	TAB	06/07/04	chr	M.STRAWSE 11/19/99								scale				2/1					
N	V05-0358	VS	04/27/05	appd	M.STRAWSE 02/29/00								A				58355					
sheet		revision		R	R	R	R	R	R	R	R	R	R	R								
index		sheet		1	2	3	4	5	6	7	8	9	10	11								

cage code 22526

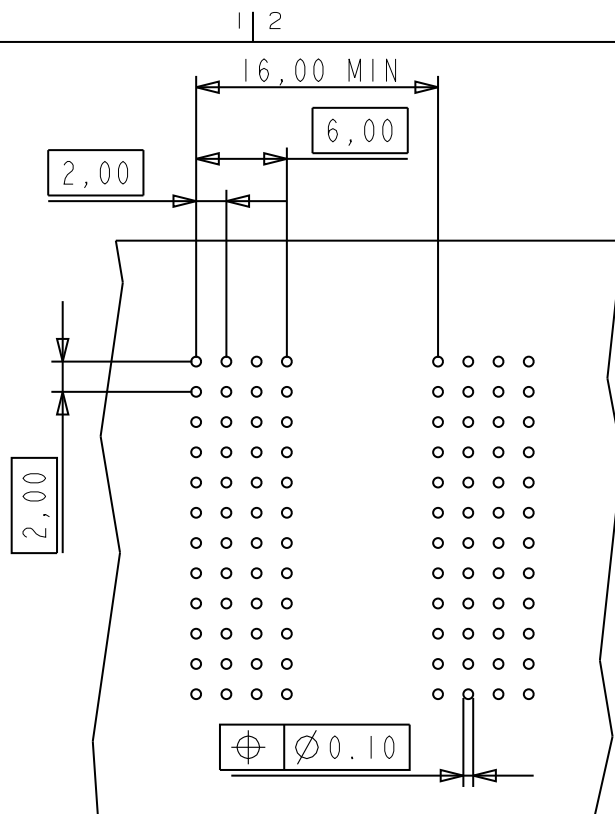
Pro/E

PDM: Rev:R

STATUS: Released

Printed: May 16, 2009

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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°		 MM scale 1/1		product family		METRAL	code
				dr	T.BURNGARD	11/19/99			size	dwg no	213 sheet 2	
				enrg	M.STRAWSER	11/19/99						
				chr	M. STAWSER	11/19/99						
				appd	M. STAWSER	02/29/00						
sheet index		revision 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					
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								
				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. I					
				1	2	3	4	5	6
58355-X01 AND 58355-X01LF	11.93	10.00	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

METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. I					
				1	2	3	4	5	6
58355-X02 AND 58355-X02LF	11.93	10.00	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	3	3

METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. I					
				1	2	3	4	5	6
58355-X03 AND 58355-X03LF	11.93	10.00	D	5	5	5	5	5	5
			C	5	5	5	5	5	5
			B	5	5	5	5	5	5
			A	5	5	5	5	5	5

METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. I					
				1	2	3	4	5	6
58355-X04 AND 58355-X04LF	11.93	10.00	D	2	2	2	2	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	DIM C	DIM D	ROW	CONTACT CODE MOD. I					
				1	2	3	4	5	6
58355-X05 AND 58355-X05LF	11.93	10.00	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	7	7

METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. I					
				1	2	3	4	5	6
58355-X06 AND 58355-X06LF	11.93	10.00	D	19	19	-	3	-	1
			C	19	19	-	3	-	-
			B	19	19	-	3	-	1
			A	19	19	-	3	-	1

METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. I					
				1	2	3	4	5	6
58355-X07 AND 58355-X07LF	11.93	10.00	D	-	1	-	1	-	-
			C	1	-	-	1	-	-
			B	-	1	-	1	-	1
			A	1	-	-	1	-	-

METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. I					
				1	2	3	4	5	6
58355-X08 AND 58355-X08LF	11.93	10.00	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	DIM C	DIM D	ROW	CONTACT CODE MOD. I					
				1	2	3	4	5	6
58355-X09 AND 58355-X09LF	11.93	10.00	D	19	19	1	1	1	1
			C	19	19	1	1	1	1
			B	19	19	1	1	1	1
			A	19	19	1	1	1	1

METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. I					
				1	2	3	4	5	6
58355-X10 AND 58355-X10LF	11.93	10.00	D	61	61	61	61	61	61
			C	61	61	61	61	61	61
			B	61	61	61	61	61	61
			A	61	61	61	61	61	61

METRAL P/N	DIM C	DIM D	ROW	CONTACT CODE MOD. I					
				1	2	3	4	5	6
58355-X11 AND 58355-X11LF	11.93	10.00	D	1	1	1	1	1	1
			C	1	1	1	1	1	1
			B	1	1	1	1	1	1
			A	3	3	3	3	3	3

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCJ www.fciconnect.com	
lfr	ecr no.	dr	date	linear	0.X ±0.3	COPY		title	
R				linear	0.XX ±0.13	projection		METRAL SIGNAL HEADER	
				angles	.XXX ±.051			4 ROW PRESS-FIT, NO KEYWELL	
				dr	T.BURNGARD 11/19/99	MM		product family	
				enr	M.STRAWER 11/19/99			METRAL	
				chr	M.STRAWER 11/19/99	scale		code	
				appd	M.STRAWER 02/29/00	1/1		213	
sheet		revision				A		sheet	
index		sheet						5	

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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	3	1	3	2	2	2	1	
			B	1	2	2	2	3	1	3	2	2	2	1	
			A	1	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-X28 AND 58355-X28LF	23.93	22.00	D	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
			B	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

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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

4

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-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	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-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	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-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	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-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	
			B	-	1	-	-	-	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	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-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	
lfr	ecn no.	dr	date	linear	0.X ±0.3	COPY		www.fcjconnect.com	
R					0.XX ±0.13	projection		title	
					.XXX ±.051			METRAL SIGNAL HEADER 4 ROW PRESS-FIT, NO KEYWELL	
				angles	0° ±2°				
				dr	T.BURNARD	11/19/99	product family		METRAL
				enrg	M.STRAWER	11/19/99	size		dwg no
				chr	M.STRAWER	11/19/99	A		58355
				appd	M.STRAWER	02/29/00	sheet		213
sheet index		revision sheet						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	24
58355-X51 AND 58355-X51LF	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	-	
			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	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		FCI www.fciconnect.com	
lfr	ecn no.	dr	date	linear	0.X ±0.3		COPY				
R					0.XX ±0.13		projection				
					.XXX ±.051						
				angles	0° ±2°				title METRAL SIGNAL HEADER 4 ROW PRESS-FIT, NO KEYWELL product family METRAL size A dwg no 58355 code 213 sheet 8		
				dr	T.BURNGARD	11/19/99	scale 1/1				
				enr	M.STRAWSE	11/19/99					
				chr	M.STRAWSE	11/19/99					
				appd	M.STRAWSE	02/29/00					
sheet index		revision sheet									

