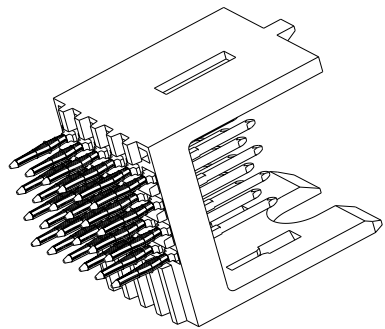
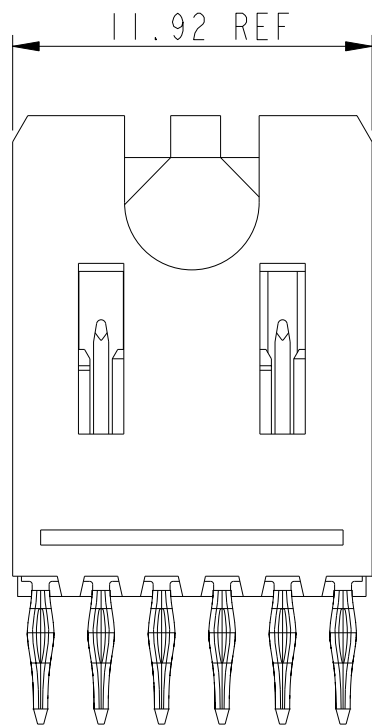
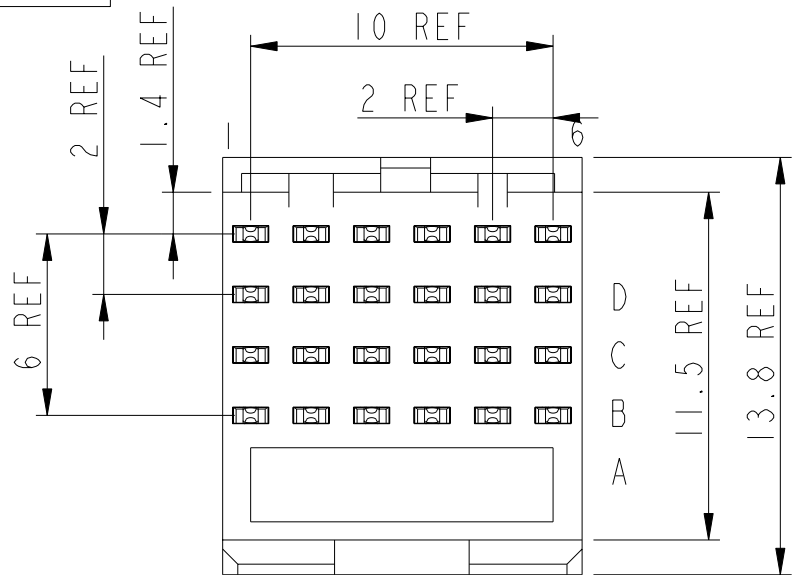
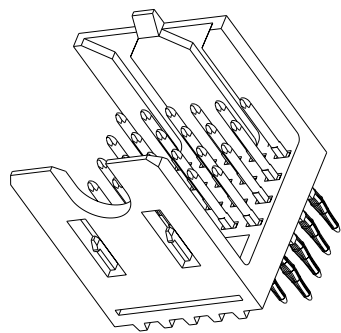


TIN LEAD P/N
85826-XXX

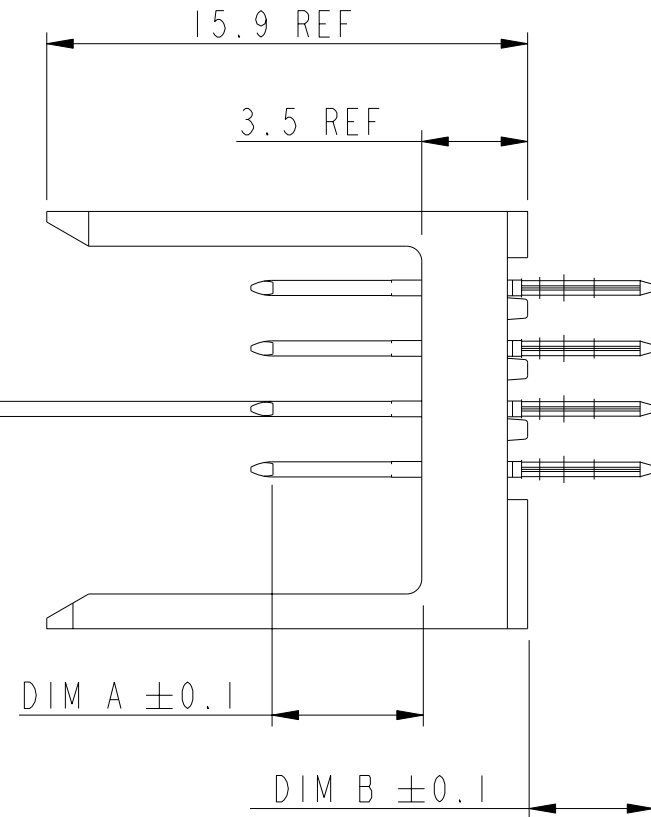
LEAD FREE P/N
85826-XXYLF



SCALE 2:1



SCALE 4:1

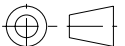


- NOTES :
1. FOR DIM A AND DIM B, SEE SHEET 2 AND UP.
 2. BODY MATERIAL : LIQUID CRYSTAL.
POLYMER 30% GLASS.
FLAME RETARDANT ACC. UL 94-V0.
 3. PIN MATERIAL :
PHOSPHOR BRONZE.
 4. PLATING ON PRESS FIT TAIL AREA
CONFORMS TO PERFORMANCE LEVEL
SHOWN IN TABLE BELOW.
 5. PRODUCT MARKING :
PART NUMBER DESIGNATION & 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

GENERAL CHARACTERISTICS AND RoHS INFORMATIONS:
SEE DRAWING C-8626-000P

PLATING IN CONTACT AREA	
DASH NUMBER	PERFORMANCE LEVEL
-1YY(LF)	TELCORDIA CO
-2YY(LF)	TELECOM CLASS
-3YY(LF)	IEC CLASS I

rev	ecn no	dr	date
E	LS3003	SPE	2003/01/20
G	LS3063	SBA	2003/07/02
H	-	MLE	2004/06/09
J	L05-0056	LGO	2005/06/14
K	LS06-0084	LGO	2006-07-01
-	-	-	-
-	-	-	-

www.fciconnect.com			surface		-	tolerance std		projection	mm					
			ISO 1302		✓	ISO 406 ISO 1101								
			TOLERANCES UNLESS OTHERWISE SPECIFIED											
Dr	S-PERRICHOT	2003/20/01	ANGULAR	LINEAR	0.X	±0.3	size	A3	Scale					
Eng	S-PERRICHOT	2003/20/01			0.XX	±0.1				1:1				
Chr	PH-LEGARE	2003/20/01			0°	±2°					0.XXX	±0.05		
Appr	PH-LEGARE	2003/20/01	Product family				-	Spec ref		-				
			title				METRAL SIGNAL STRAIGHT HEADER				dwg no	85826C		Rev.
			catalog no				SEE NOTES		CUSTOMER			sheet 1 of 8		

1

2

3

4

A

B

C

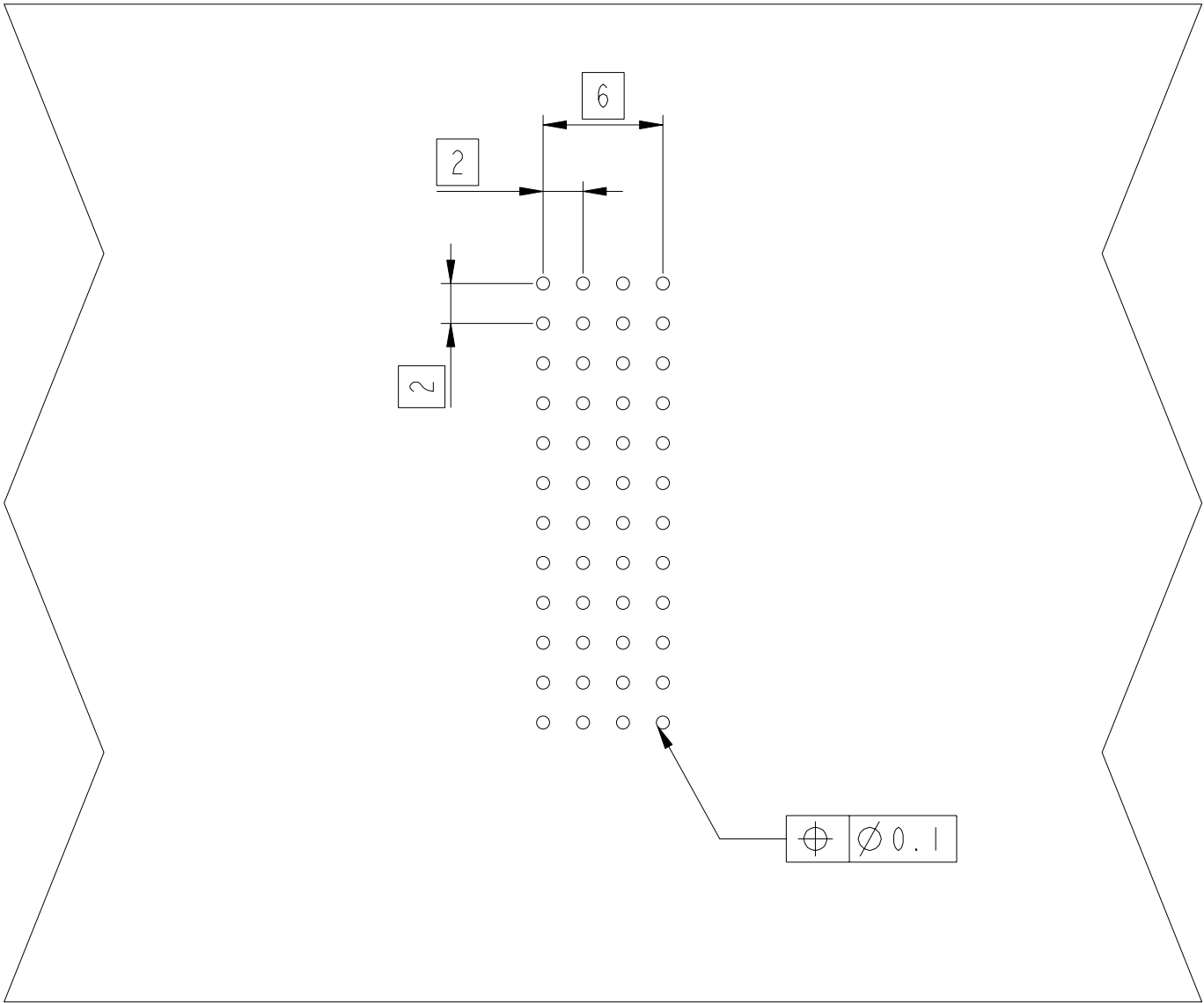
D

A

B

C

D



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

PCB LAYOUT
COMPONENT SIDE

SCALE 3:1

SEE PRINT 58351 FOR ADDITIONNAL
PCB INFORMATION

www.fciconnect.com			surface -		tolerance std				
			ISO 1302		ISO 406 ISO 1101				
			TOLERANCES UNLESS OTHERWISE SPECIFIED						
Dr	S-PERRICHOT	2003/20/01	ANGULAR	LINEAR	0.X	±0.3	size A3	Scale 1:1	
Eng	S-PERRICHOT	2003/20/01			0.XX	±0.1			
Chr	PH-LEGARE	2003/20/01	0°	±2°	0.XXX	±0.05	ECN	LS06-0084	
Appr	PH-LEGARE	2003/20/01	Product family			-	Spec ref		-
		title	METRAL SIGNAL STRAIGHT HEADER				dwg no	85826C	Rev. K
			I MODULE 4 ROW PRESS-FIT NARROW BODY						
		catalog no	SEE NOTES			CUSTOMER		sheet 2 of 8	

1

2

3

PDM: Rev:K

STATUS:Released

Printed: Jun 18, 2009



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D

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X10 OR 85826-X10	D	5.00	4.30
	C	5.75	4.30
	B	5.75	4.30
	A	6.50	4.30

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X11 OR 85826-X11LF	D	5.00	4.30
	C	5.00	4.30
	B	5.00	4.30
	A	5.00	4.30

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X12 OR 85826-X12LF	D	5.00	4.30
	C	5.00	4.30
	B	5.00	4.30
	A	6.50	4.30

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X13 OR 85826-X13LF	D	6.50	4.30
	C	5.75	4.30
	B	5.75	4.30
	A	6.50	4.30

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X14 OR 85826-X14LF	D	7.25	4.30
	C	6.50	4.30
	B	6.50	4.30
	A	7.25	4.30

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X15 OR 85826-X15LF	D	6.50	4.30
	C	6.50	4.30
	B	6.50	4.30
	A	6.50	4.30

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X16 OR 85826-X16LF	D	5.75	4.30
	C	5.75	4.30
	B	5.75	4.30
	A	5.75	4.30

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X17 OR 85826-X17LF	D	6.50	4.30
	C	5.75	4.30
	B	5.75	4.30
	A	5.00	4.30

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X18 OR 85826-X18LF	D	6.50	4.30
	C	5.00	4.30
	B	5.00	4.30
	A	5.00	4.30

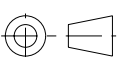
METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X19 OR 85826-X19LF	D	7.25	4.30
	C	7.25	4.30
	B	7.25	4.30
	A	7.25	4.30

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X20 OR 85826-X20LF	D	5.00	13.60
	C	5.75	13.60
	B	5.75	13.60
	A	6.50	13.60

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X21 OR 85826-X21LF	D	5.00	13.60
	C	5.00	13.60
	B	5.00	13.60
	A	5.00	13.60

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X22 OR 85826-X22LF	D	5.00	13.60
	C	5.00	13.60
	B	5.00	13.60
	A	6.50	13.60

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X23 OR 85826-X23LF	D	6.50	13.60
	C	5.75	13.60
	B	5.75	13.60
	A	6.50	13.60

www.fciconnect.com			surface 		tolerance std		projection		mm 			
			ISO 1302		ISO 406 ISO 1101							
TOLERANCES UNLESS OTHERWISE SPECIFIED							size A3		Scale 1:1			
Dr	S-PERRICHOT	2003/20/01	ANGULAR	LINEAR	0.X	±0.3						
Eng	S-PERRICHOT	2003/20/01			0.XX	±0.1						
Chr	PH-LEGARE	2003/20/01			0°	±2°					0.XXX	±0.05
Appr			PH-LEGARE	2003/20/01	Product family			-	Spec ref		-	
		title	METRAL SIGNAL STRAIGHT HEADER					dwg no		85826C		Rev.
			I MODULE 4 ROW PRESS-FIT NARROW BODY									
			catalog no									
					SEE NOTES		CUSTOMER		sheet 3 of 8			



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METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X24 OR 85824-X24LF	D	7.25	13.60
	C	6.50	13.60
	B	6.50	13.60
	A	7.25	13.60

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X25 OR 85826-X25LF	D	6.50	13.60
	C	6.50	13.60
	B	6.50	13.60
	A	6.50	13.60

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X26 OR 85826-X26LF	D	5.75	13.60
	C	5.75	13.60
	B	5.75	13.60
	A	5.75	13.60

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X27 OR 85826-X27LF	D	6.50	13.60
	C	5.75	13.60
	B	5.75	13.60
	A	5.00	13.60

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X28 OR 85826-X28LF	D	6.50	13.60
	C	5.00	13.60
	B	5.00	13.60
	A	5.00	13.60

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X29 OR 85826-X29LF	D	7.25	13.60
	C	7.25	13.60
	B	7.25	13.60
	A	7.25	13.60

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X30 OR 85826-X30LF	D	5.00	17.00
	C	5.75	17.00
	B	5.75	17.00
	A	6.50	17.00

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X31 OR 85826-X31LF	D	5.00	17.00
	C	5.00	17.00
	B	5.00	17.00
	A	5.00	17.00

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X32 OR 85826-X32LF	D	5.00	17.00
	C	5.00	17.00
	B	5.00	17.00
	A	6.50	17.00

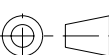
METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X33 OR 85826-X33LF	D	6.50	17.00
	C	5.75	17.00
	B	5.75	17.00
	A	6.50	17.00

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X34 OR 85826-X34LF	D	7.25	17.00
	C	6.50	17.00
	B	6.50	17.00
	A	7.25	17.00

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X35 OR 85826-X35LF	D	6.50	17.00
	C	6.50	17.00
	B	6.50	17.00
	A	6.50	17.00

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X36 OR 85826-X36LF	D	5.75	17.00
	C	5.75	17.00
	B	5.75	17.00
	A	5.75	17.00

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X37 OR 85826-X37LF	D	6.50	17.00
	C	5.75	17.00
	B	5.75	17.00
	A	5.00	17.00

www.fciconnect.com			surface - 		tolerance std ISO 1302 ISO 406 ISO 1101		projection 		mm 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	S-PERRICHOT	2003/20/01	ANGULAR		LINEAR		0.X	±0.3	size A3	Scale 1:1	
Eng	S-PERRICHOT	2003/20/01					0.XX	±0.1			
Chr	PH-LEGARE	2003/20/01	0°	±2°			0.XXX	±0.05	ECN	LS06-0084	
Appr	PH-LEGARE	2003/20/01	Product family						-	Spec ref	-
		title	METRAL SIGNAL STRAIGHT HEADER						dwg no 85826C		Rev. K
			I MODULE 4 ROW PRESS-FIT NARROW BODY								
			catalog no						SEE NOTES		CUSTOMER



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METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X38 OR 85826-X38LF	D	6.50	17.00
	C	5.00	17.00
	B	5.00	17.00
	A	5.00	17.00

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X39 OR 85826-X39LF	D	7.25	17.00
	C	7.25	17.00
	B	7.25	17.00
	A	7.25	17.00

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X40 OR 85826-X40LF	D	5.75	4.30
	C	5.75	4.30
	B	7.25	4.30
	A	5.75	4.30

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X41 OR 85826-X41LF	D	5.75	4.30
	C	5.75	4.30
	B	5.75	4.30
	A	7.25	4.30

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X42 OR 85826-X42LF	D	5.00	4.30
	C	5.00	4.30
	B	5.00	4.30
	A	5.75	4.30

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X43	D	8.25	4.30
	C	6.50	4.30
	B	6.50	4.30
	A	6.50	4.30

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X44 OR 85826-X44LF	D	5.75	4.30
	C	6.50	4.30
	B	7.25	4.30
	A	6.50	4.30

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X45 OR 85826-X45LF	D	5.00	4.30
	C	5.75	4.30
	B	6.50	4.30
	A	7.25	4.30

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X46 OR 85826-X46LF	D	8.00	4.30
	C	6.50	4.30
	B	6.50	4.30
	A	6.50	4.30

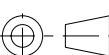
METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X47	D	7.25	4.30
	C	7.25	4.30
	B	8.25	4.30
	A	8.25	4.30

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X48 OR 85826-X48LF	D	8.00	4.30
	C	8.00	4.30
	B	8.00	4.30
	A	8.00	4.30

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X49 OR 85826-X49LF	D	7.25	4.30
	C	6.50	4.30
	B	6.50	4.30
	A	6.50	4.30

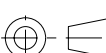
METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X50 OR 85826-X50LF	D	5.75	13.60
	C	5.75	13.60
	B	7.25	13.60
	A	5.75	13.60

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X51 OR 85826-X51LF	D	5.75	13.60
	C	5.75	13.60
	B	5.75	13.60
	A	7.25	13.60

www.fciconnect.com			surface -  ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 			
			TOLERANCES UNLESS OTHERWISE SPECIFIED									
Dr	S-PERRICHOT	2003/20/01	ANGULAR	LINEAR	0.X		±0.3		size A3	Scale 1:1		
Eng	S-PERRICHOT	2003/20/01			0.XX		±0.1					
Chr	PH-LEGARE	2003/20/01			0°	±2°	0.XXX		±0.05		ECN	LS06-0084
Appr	PH-LEGARE	2003/20/01	Product family						-	Spec ref		-
		title	METRAL SIGNAL STRAIGHT HEADER					dwg no		85826C		Rev. K
			I MODULE 4 ROW PRESS-FIT NARROW BODY									
			catalog no					SEE NOTES		CUSTOMER		sheet 5 of 8



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www.fciconnect.com			surface ISO 1302		- ✓ tolerance std ISO 406 ISO 1101		projection 		mm 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	S-PERRICHOT	2003/20/01	ANGULAR		LINEAR		0.X	±0.3	size A3	Scale 1:1
Eng	S-PERRICHOT	2003/20/01					0.XX	±0.1		
Chr	PH-LEGARE	2003/20/01	0°	±2°			0.XXX	±0.05	ECN	LS06-0084
Appr	PH-LEGARE	2003/20/01	Product family -						Spec ref -	
		title	METRAL SIGNAL STRAIGHT HEADER					dwg no 85826C		Rev. K
			I MODULE 4 ROW PRESS-FIT NARROW BODY							
				catalog no	SEE NOTES				CUSTOMER	



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METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X66 OR 85826-X66LF	D	8.00	17.00
	C	6.50	17.00
	B	6.50	17.00
	A	6.50	17.00

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X70 OR 85826-X70LF	D	7.25	4.30
	C	5.75	4.30
	B	5.75	4.30
	A	5.75	4.30

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X74 OR 85826-X74LF	D	5.75	4.30
	C	6.50	4.30
	B	6.50	4.30
	A	6.50	4.30

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X81 OR 85826-X81LF	D	6.50	13.60
	C	6.50	13.60
	B	5.00	13.60
	A	6.50	13.60

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X67 OR 85826-X67LF	D	7.25	17.00
	C	7.25	17.00
	B	8.25	17.00
	A	8.25	17.00

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X71 OR 85826-X71LF	D	6.50	4.30
	C	6.50	4.30
	B	5.00	4.30
	A	6.50	4.30

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X75 OR 85826-X75LF	D	5.00	4.30
	C	6.50	4.30
	B	6.50	4.30
	A	6.50	4.30

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X82 OR 85826-X82LF	D	5.75	13.60
	C	7.25	13.60
	B	7.25	13.60
	A	8.00	13.60

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X68 OR 85826-X68LF	D	8.00	17.00
	C	8.00	17.00
	B	8.00	17.00
	A	8.00	17.00

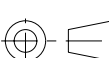
METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X72 OR 85826-X72LF	D	5.75	4.30
	C	7.25	4.30
	B	7.25	4.30
	A	8.00	4.30

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X80 OR 85826-X80LF	D	7.25	13.60
	C	5.75	13.60
	B	5.75	13.60
	A	5.75	13.60

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X83 OR 85826-X83LF	D	5.75	13.60
	C	6.50	13.60
	B	5.75	13.60
	A	6.50	13.60

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X69 OR 85826-X69LF	D	7.25	17.00
	C	6.50	17.00
	B	6.50	17.00
	A	6.50	17.00

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X73 OR 85826-X73LF	D	5.75	4.30
	C	6.50	4.30
	B	5.75	4.30
	A	6.50	4.30

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406 ISO 1101		projection 	mm 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	S-PERRICHOT	2003/20/01	ANGULAR	LINEAR	0.X	±0.3	size A3	Scale 1:1		
Eng	S-PERRICHOT	2003/20/01			0.XX	±0.1				
Chr	PH-LEGARE	2003/20/01	0°	±2°	0.XXX	±0.05	ECN	LS06-0084		
Appr	PH-LEGARE	2003/20/01	Product family				-	Spec ref	-	
			title				METRAL SIGNAL STRAIGHT HEADER		dwg no 85826C	Rev. K
			I MODULE 4 ROW PRESS-FIT NARROW BODY							
			catalog no				SEE NOTES		CUSTOMER	



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D

C

B

A

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X92 OR 85826-X92LF	D	5.75	17.00
	C	7.25	17.00
	B	7.25	17.00
	A	8.00	17.00

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X91 OR 85826-X91LF	D	6.50	17.00
	C	6.50	17.00
	B	5.00	17.00
	A	6.50	17.00

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X90 OR 85826-X90LF	D	7.25	17.00
	C	5.75	17.00
	B	5.75	17.00
	A	5.75	17.00

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X85 OR 85826-X85LF	D	5.00	13.60
	C	6.50	13.60
	B	6.50	13.60
	A	6.50	13.60

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X84 OR 85826-X84LF	D	5.75	13.60
	C	6.50	13.60
	B	6.50	13.60
	A	6.50	13.60

METRAL P/N	ROW	CONTACT CODE MOD. I						CONTACTS Quantities		
		1	2	3	4	5	6	5	8	-
85826-X96 OR 85826-X96LF	D	5	5	5	5	5	5	6	-	-
	C	5	5	5	5	5	5	6	-	-
	B	5	5	8	8	8	5	3	3	-
	A	5	5	5	5	5	5	6	-	-

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X95 OR 85826-X95LF	D	5.00	17.00
	C	6.50	17.00
	B	6.50	17.00
	A	6.50	17.00

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X94 OR 85826-X94LF	D	5.75	17.00
	C	6.50	17.00
	B	6.50	17.00
	A	6.50	17.00

METRAL P/N	ROW	DIM A MATE	DIM B TAIL
85826-X93 OR 85826-X93LF	D	5.75	17.00
	C	6.50	17.00
	B	5.75	17.00
	A	6.50	17.00

www.fciconnect.com			surface -		tolerance std		projection		 mm	
			ISO 1302		ISO 406 ISO 1101					
TOLERANCES UNLESS OTHERWISE SPECIFIED										
Dr	S-PERRICHOT	2003/20/01	ANGULAR	LINEAR	0.X	±0.3	size A3	Scale 1:1		
Eng	S-PERRICHOT	2003/20/01			0.XX	±0.1				
Chr	PH-LEGARE	2003/20/01	0°	±2°	0.XXX	±0.05	ECN		LS06-0084	
Appr	PH-LEGARE	2003/20/01	Product family				-	Spec ref		-
		title	METRAL SIGNAL STRAIGHT HEADER				dwg no	85826C		Rev. K
			I MODULE 4 ROW PRESS-FIT NARROW BODY							
		catalog no	SEE NOTES			CUSTOMER		sheet 8 of 8		