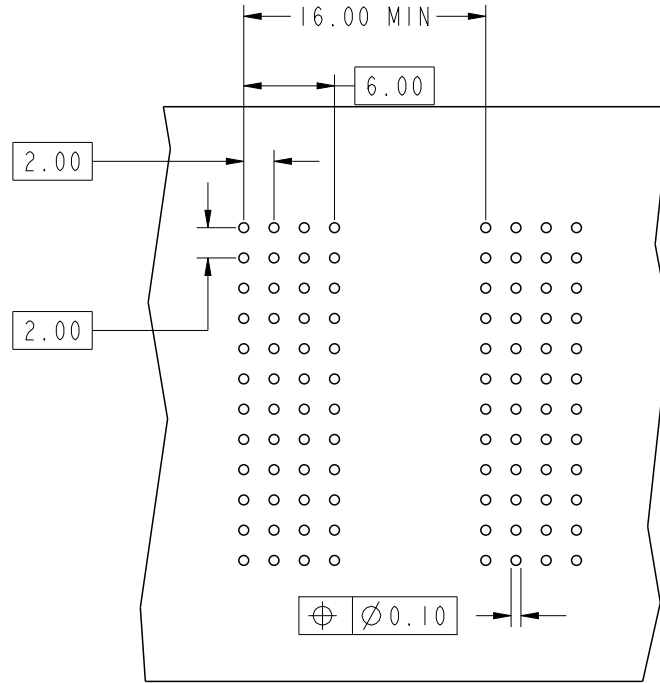


spec ref	*	dr	Terran Huang	2010/07/09	projection	MM	size	A4	scale	2:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Nirmal Sam-MB	2022/10/21			ecn no	ELX-I-44951-3		
ISO 406 ISO 1101		chr	-	-			rel level	Released		
surface	linear	appr	Kuriakose, San	2022/10/24	product family	METRAL			rev	
	0.X	±0.3	<b>Amphenol FCi</b>	METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT			dwg no	70233		AN
	0.XX	±0.13								
	0.XXX	±0.051								
ISO 1302	angular	0°	±2°	cat. no.	*	Product - Customer Drw			sheet 1 of 9	

Creo F-114-ELX-NC-AAC, REV F, 2020-12-21



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

spec ref *		dr <b>Terran Huang</b> 2010/07/09		projection 	MM 	size A4	scale 2:1
tolerance std ISO 406 ISO 1101		eng <b>Nirmal Sam-MB</b> 2022/10/21				ecn no <b>ELX-I-44951-3</b>	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr -				rel level <b>Released</b>	
surface		appr <b>Kuriakose, San</b> 2022/10/24		product family METRAL		rev	
ISO 1302 ✓	linear	0.X	$\pm 0.3$	Amphenol FCi		METRAL SIGNAL HEADER	
		0.XX	$\pm 0.13$				
		0.XXX	$\pm 0.051$				
	angular	0°	$\pm 2^\circ$	cat. no. -		Product - Customer Drw	
				dwg no 70233		sheet 2 of 9	



METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X25LF	D	7	7	7	7	7	7	7	7
	C	7	7	7	7	7	7	7	7
	B	7	7	7	7	7	7	7	7
	A	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X26LF	D	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6
	A	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X27LF	D	7	7	7	7	7	7	7	7
	C	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6
	A	5	5	5	5	5	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X28LF	D	7	7	7	7	7	7	7	7
	C	5	5	5	5	5	5	5	5
	B	5	5	5	5	5	5	5	5
	A	5	5	5	5	5	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X29LF	D	8	8	8	8	8	8	8	8
	C	8	8	8	8	8	8	8	8
	B	8	8	8	8	8	8	8	8
	A	8	8	8	8	8	8	8	8

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X30LF	D	9	9	9	9	9	9	9	9
	C	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10
	A	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X31LF	D	OBSOLETE							
	C								
	B								
	A								

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X32LF	D	9	9	9	9	9	9	9	9
	C	9	9	9	9	9	9	9	9
	B	9	9	9	9	9	9	9	9
	A	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X33LF	D	11	11	11	11	11	11	11	11
	C	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10
	A	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X34LF	D	12	12	12	12	12	12	12	12
	C	11	11	11	11	11	11	11	11
	B	11	11	11	11	11	11	11	11
	A	12	12	12	12	12	12	12	12

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X35LF	D	11	11	11	11	11	11	11	11
	C	11	11	11	11	11	11	11	11
	B	11	11	11	11	11	11	11	11
	A	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X36LF	D	10	10	10	10	10	10	10	10
	C	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10
	A	10	10	10	10	10	10	10	10

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X37LF	D	11	11	11	11	11	11	11	11
	C	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10
	A	9	9	9	9	9	9	9	9

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X38LF	D	11	11	11	11	11	11	11	11
	C	9	9	9	9	9	9	9	9
	B	9	9	9	9	9	9	9	9
	A	9	9	9	9	9	9	9	9

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X39LF	D	12	12	12	12	12	12	12	12
	C	12	12	12	12	12	12	12	12
	B	12	12	12	12	12	12	12	12
	A	12	12	12	12	12	12	12	12



spec ref	*	dr	Terran Huang	2010/07/09	projection	MM	size	A4	scale	1:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Nirmal Sam-MB	2022/10/21			ecn no	ELX-I-44951-3				
ISO 406		chr	-	-				rel level	Released			
ISO 1101		appr	Kuriakose, San	2022/10/24	product family	METRAL		rev	AN			
surface	linear	<b>Amphenol FCI</b>			METRAL SIGNAL HEADER			dwg no	70233			
											2 MOD, 4 ROW PRESS-FIT	
ISO 1302	angular										cat. no.	-

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X40LF	D	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2
	B	4	4	4	4	4	4	4	4
	A	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X41LF	D	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2
	A	4	4	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X42LF	D	1	1	1	1	1	1	1	1
	C	1	1	1	1	1	1	1	1
	B	1	1	1	1	1	1	1	1
	A	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X43LF	D	13	13	13	13	13	13	13	13
	C	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X44LF	D	2	2	2	2	2	2	2	2
	C	3	3	3	3	3	3	3	3
	B	4	4	4	4	4	4	4	4
	A	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X45LF	D	1	1	1	1	1	1	1	1
	C	2	2	2	2	2	2	2	2
	B	3	3	3	3	3	3	3	3
	A	4	4	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X46LF	D	19	19	19	19	19	19	19	19
	C	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X47LF	D	4	4	4	4	4	4	4	4
	C	4	4	4	4	4	4	4	4
	B	13	13	13	13	13	13	13	13
	A	13	13	13	13	13	13	13	13

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X48LF	D	19	19	19	19	19	19	19	19
	C	19	19	19	19	19	19	19	19
	B	19	19	19	19	19	19	19	19
	A	19	19	19	19	19	19	19	19

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X49LF	D	4	4	4	4	4	4	4	4
	C	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X50LF	D	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6
	B	8	8	8	8	8	8	8	8
	A	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X51LF	D	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6
	A	8	8	8	8	8	8	8	8

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X52LF	D	5	5	5	5	5	5	5	5
	C	5	5	5	5	5	5	5	5
	B	5	5	5	5	5	5	5	5
	A	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X53LF	D	14	14	14	14	14	14	14	14
	C	7	7	7	7	7	7	7	7
	B	7	7	7	7	7	7	7	7
	A	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X54LF	D	6	6	6	6	6	6	6	6
	C	7	7	7	7	7	7	7	7
	B	8	8	8	8	8	8	8	8
	A	7	7	7	7	7	7	7	7

spec ref	*	dr	Terran Huang	2010/07/09	projection		size	A4	scale	1:1	
tolerance std	ISO 406 ISO 1101	eng	Nirmal Sam-MB	2022/10/21	product family		METRAL	ecn no	ELX-I-44951-3	rel level	Released
surface	linear <input checked="" type="checkbox"/> angular <input type="checkbox"/>	chr	-	-			rel level	Released			
	0.X ±0.3 0.XX ±0.13 0.XXX ±0.051 0° ±2°	appr	Kuriakose, San	2022/10/24	METRAL		rel level	Released	dwg no	70233	
		<b>Amphenol FCI</b>			METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT			rev	AN		
		cat. no.			Product - Customer Drw			sheet 5 of 9			

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X55LF	D	5	5	5	5	5	5	5	5
	C	6	6	6	6	6	6	6	6
	B	7	7	7	7	7	7	7	7
	A	8	8	8	8	8	8	8	8

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X56LF	D	20	20	20	20	20	20	20	20
	C	7	7	7	7	7	7	7	7
	B	7	7	7	7	7	7	7	7
	A	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X57LF	D	8	8	8	8	8	8	8	8
	C	8	8	8	8	8	8	8	8
	B	14	14	14	14	14	14	14	14
	A	14	14	14	14	14	14	14	14

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X58LF	D	20	20	20	20	20	20	20	20
	C	20	20	20	20	20	20	20	20
	B	20	20	20	20	20	20	20	20
	A	20	20	20	20	20	20	20	20

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X59LF	D	8	8	8	8	8	8	8	8
	C	7	7	7	7	7	7	7	7
	B	7	7	7	7	7	7	7	7
	A	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X60LF	D	10	10	10	10	10	10	10	10
	C	10	10	10	10	10	10	10	10
	B	12	12	12	12	12	12	12	12
	A	10	10	10	10	10	10	10	10

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X61LF	D	10	10	10	10	10	10	10	10
	C	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10
	A	12	12	12	12	12	12	12	12

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X62LF	D	9	9	9	9	9	9	9	9
	C	9	9	9	9	9	9	9	9
	B	9	9	9	9	9	9	9	9
	A	10	10	10	10	10	10	10	10

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X63LF	D	15	15	15	15	15	15	15	15
	C	11	11	11	11	11	11	11	11
	B	11	11	11	11	11	11	11	11
	A	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X64LF	D	10	10	10	10	10	10	10	10
	C	11	11	11	11	11	11	11	11
	B	12	12	12	12	12	12	12	12
	A	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X65LF	D	9	9	9	9	9	9	9	9
	C	10	10	10	10	10	10	10	10
	B	11	11	11	11	11	11	11	11
	A	12	12	12	12	12	12	12	12

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X66LF	D	21	21	21	21	21	21	21	21
	C	11	11	11	11	11	11	11	11
	B	11	11	11	11	11	11	11	11
	A	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X67LF	D	12	12	12	12	12	12	12	12
	C	12	12	12	12	12	12	12	12
	B	15	15	15	15	15	15	15	15
	A	15	15	15	15	15	15	15	15

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X68LF	D	21	21	21	21	21	21	21	21
	C	21	21	21	21	21	21	21	21
	B	21	21	21	21	21	21	21	21
	A	21	21	21	21	21	21	21	21

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X69LF	D	12	12	12	12	12	12	12	12
	C	11	11	11	11	11	11	11	11
	B	11	11	11	11	11	11	11	11
	A	11	11	11	11	11	11	11	11

spec ref	*	dr	Terran Huang	2010/07/09	projection		size	A4	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Nirmal Sam-MB	2022/10/21			ecn no	ELX-I-44951-3		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-			rel level	Released		
surface	linear	0.X	±0.3		product family	METRAL		rev AN		
		0.XX	±0.13		dwg no	70233				
		0.XXX	±0.051		cat. no.	-				
	angular	0°	±2°	Product - Customer Drw		sheet 6 of 9				

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X70LF	D	4	4	4	4	4	4	4	4
	C	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X71LF	D	3	3	3	3	3	3	3	3
	C	3	3	3	3	3	3	3	3
	B	1	1	1	1	1	1	1	1
	A	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X72LF	D	2	2	2	2	2	2	2	2
	C	4	4	4	4	4	4	4	4
	B	4	4	4	4	4	4	4	4
	A	19	19	19	19	19	19	19	19

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X73LF	D	2	2	2	2	2	2	2	2
	C	3	3	3	3	3	3	3	3
	B	2	2	2	2	2	2	2	2
	A	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X74LF	D	2	2	2	2	2	2	2	2
	C	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X75LF	D	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2
	A	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X76LF	D	19	19	19	19	19	19	19	19
	C	1	1	1	1	1	1	1	1
	B	1	1	1	1	1	1	1	1
	A	19	19	19	19	19	19	19	19

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X77LF	D	2	2	2	2	2	2	2	2
	C	3	3	3	3	3	3	3	3
	B	19	19	19	19	19	19	19	19
	A	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X78LF	D	1	1	1	1	1	1	1	1
	C	1	1	1	1	1	1	1	1
	B	3	3	3	3	3	3	3	3
	A	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X79LF	D	3	3	3	3	3	3	3	3
	C	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X80LF	D	8	8	8	8	8	8	8	8
	C	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6
	A	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X81LF	D	7	7	7	7	7	7	7	7
	C	7	7	7	7	7	7	7	7
	B	5	5	5	5	5	5	5	5
	A	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X82LF	D	6	6	6	6	6	6	6	6
	C	8	8	8	8	8	8	8	8
	B	8	8	8	8	8	8	8	8
	A	20	20	20	20	20	20	20	20

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X83LF	D	6	6	6	6	6	6	6	6
	C	7	7	7	7	7	7	7	7
	B	6	6	6	6	6	6	6	6
	A	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X84LF	D	6	6	6	6	6	6	6	6
	C	7	7	7	7	7	7	7	7
	B	7	7	7	7	7	7	7	7
	A	7	7	7	7	7	7	7	7

spec ref	*	dr	Terran Huang	2010/07/09	projection		size	A4	scale	1:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Nirmal Sam-MB	2022/10/21				ecn no	ELX-I-44951-3	rel level	Released
ISO 406 ISO 1101		chr	-	-				product family	METRAL		
surface	linear	0.X	±0.3		METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT	dwg no 70233	rev AN	cat. no.	Product - Customer Drw	sheet 7 of 9	
ISO 1302	angular	0.XX	±0.13								
		0.XXX	±0.051								
		0°	±2°								

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X85LF	D	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6
	A	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X86LF	D	20	20	20	20	20	20	20	20
	C	5	5	5	5	5	5	5	5
	B	5	5	5	5	5	5	5	5
	A	20	20	20	20	20	20	20	20

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X87LF	D	6	6	6	6	6	6	6	6
	C	7	7	7	7	7	7	7	7
	B	20	20	20	20	20	20	20	20
	A	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X88LF	D	5	5	5	5	5	5	5	5
	C	5	5	5	5	5	5	5	5
	B	7	7	7	7	7	7	7	7
	A	5	5	5	5	5	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X89LF	D	7	7	7	7	7	7	7	7
	C	6	6	6	6	6	6	6	6
	B	6	6	6	6	6	6	6	6
	A	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X90LF	D	12	12	12	12	12	12	12	12
	C	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10
	A	10	10	10	10	10	10	10	10

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X91LF	D	11	11	11	11	11	11	11	11
	C	11	11	11	11	11	11	11	11
	B	9	9	9	9	9	9	9	9
	A	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X92LF	D	10	10	10	10	10	10	10	10
	C	12	12	12	12	12	12	12	12
	B	12	12	12	12	12	12	12	12
	A	21	21	21	21	21	21	21	21

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X93LF	D	10	10	10	10	10	10	10	10
	C	11	11	11	11	11	11	11	11
	B	10	10	10	10	10	10	10	10
	A	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X94LF	D	10	10	10	10	10	10	10	10
	C	11	11	11	11	11	11	11	11
	B	11	11	11	11	11	11	11	11
	A	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X95LF	D	10	10	10	10	10	10	10	10
	C	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10
	A	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X96LF	D	21	21	21	21	21	21	21	21
	C	9	9	9	9	9	9	9	9
	B	9	9	9	9	9	9	9	9
	A	21	21	21	21	21	21	21	21

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X97LF	D	10	10	10	10	10	10	10	10
	C	11	11	11	11	11	11	11	11
	B	21	21	21	21	21	21	21	21
	A	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X98LF	D	9	9	9	9	9	9	9	9
	C	9	9	9	9	9	9	9	9
	B	11	11	11	11	11	11	11	11
	A	9	9	9	9	9	9	9	9

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2			
		1	2	3	4	5	6	7	8
70233-X99LF	D	11	11	11	11	11	11	11	11
	C	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10
	A	10	10	10	10	10	10	10	10

spec ref	*	dr	Terran Huang	2010/07/09	projection 	MM ←————→	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Nirmal Sam-MB	2022/10/21			ecn no	ELX-I-44951-3		
ISO 406 ISO 1101		chr	-	-			rel level	Released		
surface	linear	appr	Kuriakose, San	2022/10/24	product family	METRAL	rev			
	angular									
ISO 1302	0.X ±0.3 0.XX ±0.13 0.XXX ±0.051 0° ±2°	Amphenol FCI		METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT			dwg no	70233	AN	
		cat. no.	-			Product - Customer Drw	sheet 8 of 9			



METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70233-X100LF	D	7	6	6	6	6	6	6	6	6	6	6	6
	C	7	6	6	6	6	6	6	6	6	6	6	6
	B	20	6	6	6	6	6	6	6	6	6	6	6
	A	7	6	6	6	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70233-X104LF	D	7	6	6	6	6	6	6	6	6	6	6	6
	C	7	6	6	6	6	6	6	6	6	6	6	6
	B	20	6	6	6	6	6	6	6	6	6	6	6
	A	7	6	6	6	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70233-X101LF	D	7	6	5	5	5	5	5	5	5	5	7	5
	C	7	6	5	5	5	5	5	5	5	5	7	5
	B	20	6	5	5	5	5	5	5	5	5	7	5
	A	7	6	5	5	5	5	5	5	5	5	7	5

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70233-X105LF	D	2	1	1	2	2	2	1	1	2	2	2	3
	C	2	1	1	2	2	2	1	1	2	2	2	3
	B	2	1	1	2	2	2	2	2	2	4	4	19
	A	2	1	1	2	2	2	2	2	2	2	2	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70233-X102LF	D	1	1	1	1	1	2	2	1	1	2	2	3
	C	1	1	1	1	1	2	2	1	1	2	2	3
	B	1	1	1	1	1	2	2	1	1	4	4	19
	A	1	1	1	1	1	2	2	1	1	2	2	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
70233-X103LF	D	2	2	2	2	2	3	3	4	2	2	2	2
	C	2	2	2	2	2	3	3	4	2	2	2	2
	B	2	2	2	2	2	3	3	4	2	2	2	2
	A	2	2	2	2	2	3	3	4	2	2	2	2

NOTES:

- FOR DIM A AND B REFER SHEET-2.
- BODY MATERIAL: LCP- UL 94-V0.
- PIN MATERIAL: COPPER ALLOY.
- FOR PLATING PERFORMANCE REFER DRAWING #10159408
- 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-XXXPLF
- PRODUCT SPECIFICATION GS-12-180 APPLICATION SPECIFICATION BUS-20-073
- AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
- ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. 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.
- A  $\triangle$  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

spec ref	*	dr	Terran Huang	2010/07/09	projection		size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Nirmal Sam-MB	2022/10/21			ecn no	ELX-I-44951-3		
ISO 406		chr	-	-			rel level	Released		
ISO 1101		appr	Kuriakose, San	2022/10/24	product family	METRAL				
surface	linear				Amphenol FCI	METRAL SIGNAL HEADER	rev			
						2 MOD, 4 ROW PRESS-FIT	70233			AN
ISO 1302	angular				cat. no.	-	Product - Customer Drw	sheet 9 of 9		
	0.X									
	±0.3									
	0.XX									
	±0.13									
	0.XXX									
	±0.051									
	0°									
	±2°									