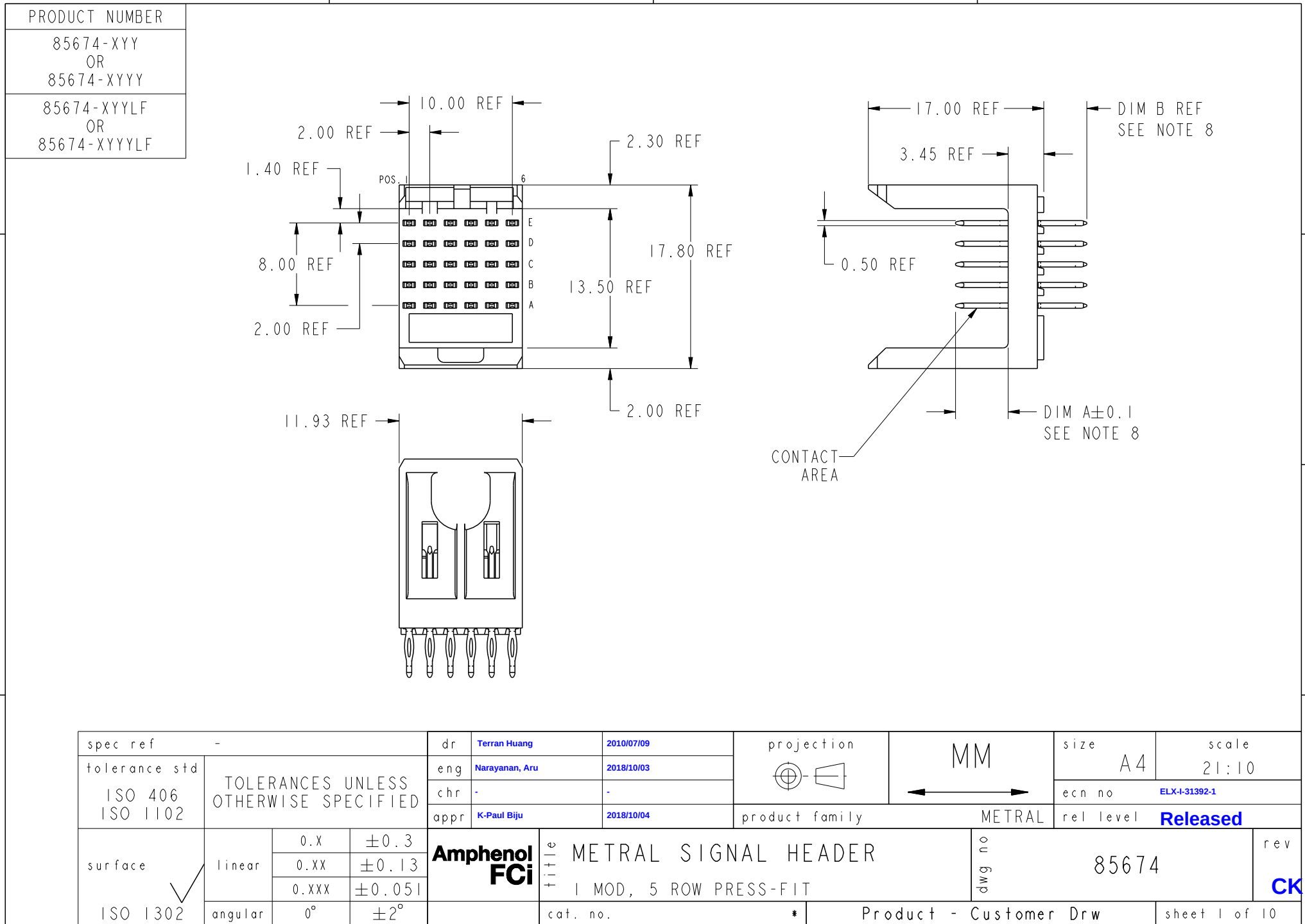
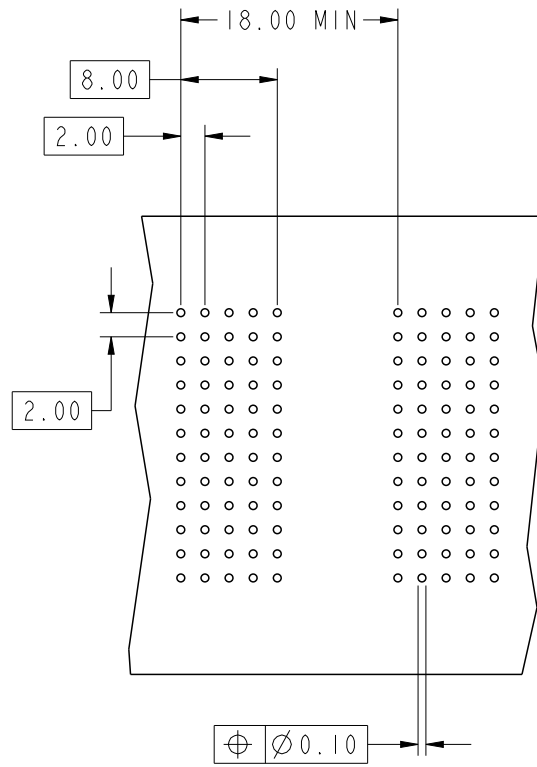






REQUIRED PC BOARD LAYOUT
COMPONENT SIDE
SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

KEY (SIGNAL PRESS-FIT)		
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
11	6.50	17.00
19	8.00	4.30
20	8.00	13.60
21	8.00	17.00
22	5.00	12.10
29	8.00	14.60
30	5.00	12.90
31	5.75	12.90
40	5.00	15.60
41	6.50	15.60
49	5.75	15.10
52	8.00	15.10
59	5.00	11.80
61	6.50	11.80
64	5.75	14.90
65	5.00	16.30
67	7.25	16.30

spec ref	*			dr	Terran Huang	2010/07/09	projection	MM	size	A4	scale	8:5	
tolerance std ISO 406 ISO 1102	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Narayanan, Aru	2018/10/03			ecn no	ELX-I-31392-1			
				chr	-	-							
				appr	K-Paul Biju	2018/10/04			product family		METRAL	rel level	
surface 3.200 ISO 1302	linear	0.X	±0.3	Amphenol FCI	title	METRAL SIGNAL HEADER			dwg no	85674		rev	CK
		0.XX	±0.13										
		0.XXX	±0.051										
	angular	0°	±2°										

A

B

C

D

METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I																				
ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6						
85674-X01							E I I I I I I							85674-X05							E 8 8 8 8 8 8							85674-X09							E 5 5 5 5 5 5							85674-X13							E I I - I I I							85674-X17							E 22 22 22 22 22 22							85674-X21							E 19 2 4 4 2 4						
							D I I I I I I														D 8 8 8 8 8 8														D 5 5 5 5 5 5														D I I - I I I														D 22 22 22 31 22 22														D 19 2 4 4 2 4						
-----							C I I 2 2 2 2							-----							C 8 8 8 8 8 8							-----							C 5 5 5 5 5 5														C I I - - - -							-----							C 22 22 22 22 22 22														C 19 2 4 4 2 4						
85674-X01LF							B I I I I I I							85674-X05LF							B 5 5 5 5 5 5							85674-X09LF							B 5 5 5 5 5 8							85674-X13LF							B I I - I I I							:85674-X17LF							B 22 22 22 22 22 22							85674-X21LF							B 19 2 4 4 2 4						
							A I I I I I I														A 5 5 5 5 5 5														A 5 5 5 5 5 8							85674-X13LF							A I I - I I I							A 22 22 22 22 7 22														A 19 2 4 4 2 4													
METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I						
ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6						
85674-X02							E 5 5 5 5 5 5							85674-X06							E 5 5 5 5 5 5							85674-X10							E 2 2 2 2 2 2							85674-X14							E 2 2 49 49 49 49							85674-X18							E 7 7 7 7 7 7							85674-X22							E 7 7 7 7 7 7						
							D 5 5 5 5 5 5														D 5 5 5 5 5 5														D 2 2 2 2 2 2														D 2 2 49 49 49 49														D 7 7 7 7 7 7														D 7 7 7 3 7 7						
-----							C 5 5 5 6 6 6							-----							C 5 5 5 5 5 5														C 2 2 2 2 2 2														C 2 2 49 49 49 49							-----							C 7 7 7 7 7 7														C 7 7 7 7 7 7						
85674-X02LF							B 5 5 5 5 5 5							85674-X06LF							B 5 5 5 8 8 5							85674-X10LF							B 2 - - - 2							85674-X14LF							B 2 2 49 49 49 49							85674-X18LF							B - 7 7 7 7 7							85674-X22LF							B 7 7 7 7 7 7						
							A 5 5 5 5 5 5														A 5 5 5 8 8 5							85674-X10LF							A 2 - 2 - - 2							85674-X14LF							A 2 2 49 49 49 49							85674-X18LF							A - 7 7 7 7 7														A 7 7 7 7 7 7						
METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I						
ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6						
85674-X03							E I I I I I I							85674-X07							E 5 5 5 5 5 5							85674-X11							E 6 6 6 6 20 6							85674-X15							E 49 49 49 49 2 2							85674-X19							E 3 3 3 3 3 3							85674-X23							E 7 7 7 7 7 7						
							D I I I I I I														D 5 5 5 5 5 5														D 6 6 6 6 20 6														D 49 49 49 49 2 2														D 3 3 3 3 3 3														D 7 7 7 7 7 7						
-----							C 4 4 4 4 4 4							-----							C 8 8 8 8 8 8														C 6 6 6 20 20 6														C 49 49 49 49 2 2							-----							C 3 3 3 3 3 3														C 7 7 7 7 7 7						
85674-X03LF							B I I I I I I							85674-X07LF							B 5 5 5 5 5 5							85674-X11LF							B 6 6 6 6 20 6							85674-X15LF							B 49 49 49 49 2 2							85674-X19LF							B - 3 3 3 3 3							85674-X23LF							B 3 7 7 7 7 7						
							A I I I I I I														A 5 5 5 5 5 5							85674-X11LF							A 6 6 6 6 20 6							85674-X15LF							A 49 49 49 49 2 2							85674-X19LF							A - 3 3 3 3 3														A 7 7 7 7 7 7						
METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I						
ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6						
85674-X04							E I I I I I I							85674-X08							E 8 8 8 8 8 5							85674-X12							E 3 2 2 2 2 2							85674-X16							E 2 2 2 2 2 2							85674-X20							E 2 2 2 2 2 2							85674-X24							E 52 7 7 7 7 7						
							D I I I I I I														D 8 8 8 8 8 5														D 3 2 2 2 2 2														D I 3 2 3 2 3														D 2 2 2 2 2 2														D 52 7 22 7 7 7						
-----							C 8 8 8 8 8 8							-----							C 8 8 8 8 8 5														C 3 2 2 2 2 2														C I 3 2 3 2 3							-----							C 2 2 2 2 2 2														C 52 7 7 7 7 7						
85674-X04LF							B I I I I I I							85674-X08LF							B 8 8 8 8 8 5							85674-X12LF							B 3 2 2 2 2 2							85674-X16LF							B I 3 2 3 2 3							85674-X20LF							B 2 2 2 2 2 2							85674-X24LF							B 52 7 7 7 7 7						
							A I I I I I I														A 8 8 8 8 8 5							85674-X12LF							A 3 2 2 2 2 2							85674-X16LF							A I 3 2 3 2 3							85674-X20LF							A 2 2 2 2 2 2														A 52 7 7 7 7 7						
spec ref							*							dr							Terran Huang							2010/07/09							projection							MM							size							A4							scale							11:10													
tolerance std							ISO 406							TOLERANCES UNLESS OTHERWISE SPECIFIED							eng							Narayanan, Aru							2018/10/03																					ecn no							ELX-I-31392-1																				
ISO 1102							chr														-							-							product family																					METRAL							rel level							Released													
ISO 1302							appr														K-Paul Biju							2018/10/04							dwg no																					85674							rev							CK													
surface 3.200							linear							0.X							±0.3							Amphenol FCI							METRAL SIGNAL HEADER							1 MOD, 5 ROW PRESS-FIT							cat. no.							-							Product - Customer Drw							sheet 3 of 10													
							0.XX							±0.13																																																																					
ISO 1302							angular							0°							±2°																																																														

A

B

C

D

METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I																				
ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6						
85674-X25							E	2	2	2	2	2	2	85674-X29							E	3	3	3	3	I	3	85674-X33							E	2	2	2	2	2	2	85674-X41							E	I	I	I	I	2	3	85674-X45							E	3	3	3	3	2	3														
							D	2	2	2	2	2	2								D	3	3	3	3	3	3								D	2	2	2	2	2	2	4								D	2	2	2	I	I	3								D	3	3	3	3	3	3													
-----							C	2	2	2	2	2	2	-----							C	3	3	3	3	3	3	-----							C	2	2	2	2	2	2	4	-----							C	2	2	2	2	2	3	-----							C	3	3	3	3	3	3													
85674-X25LF							B	2	-	-	-	-	2	85674-X29LF							B	3	3	3	3	3	3	85674-X33LF							B	2	2	2	2	2	2	2	85674-X41LF							B	2	2	2	2	2	3	85674-X45LF							B	3	3	3	3	3	3													
							A	2	-	2	2	-	2								A	3	3	3	3	3	3								A	2	2	4	4	2	2	2								A	2	2	I	I	I	3								A	3	3	3	3	3	3													

METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I																				
ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6						
85674-X26							E	2	2	2	6	6	6	85674-X30							E	7	7	7	7	5	7	85674-X34							E	2	2	2	2	2	2	85674-X42							E	2	2	2	2	2	2	85674-X46							E	5	7	7	7	7	7														
							D	2	2	2	6	6	6								D	7	7	7	7	7	7								D	2	2	2	2	2	2	4								D	2	2	2	2	2	2								D	7	7	7	7	7	7													
-----							C	2	2	2	6	6	6	-----							C	7	7	7	7	7	7	-----							C	2	2	2	2	2	2	2	-----							C	2	2	2	2	2	2	-----							C	7	7	7	7	7	7													
:85674-X26LF							B	2	2	2	6	6	6	:85674-X30LF							B	7	7	7	7	7	7	85674-X34LF							B	2	2	2	2	2	2	4	85674-X42LF							B	2	2	2	2	I	2	85674-X46LF							B	7	7	7	7	7	7													
							A	2	2	2	6	6	6								A	7	7	7	7	7	7								A	2	2	2	2	2	2	4								A	2	2	2	2	2	2								A	7	7	7	7	7	7													

METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I																				
ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6						
85674-X27							E	2	2	6	6	6	2	85674-X31							E	4	2	2	2	2	2	85674-X35							E	2	2	4	2	2	2	85674-X43							E	5	5	5	5	5	5	85674-X47							E	7	7	7	7	7	7														
							D	2	2	6	6	6	2								D	4	2	2	2	I	2								D	6	6	6	6	6	6	8								D	6	6	6	6	6	6								D	7	4	I	7	7	7													
-----							C	2	2	6	6	6	2	-----							C	4	2	2	2	2	2	-----							C	6	6	6	6	6	6	8	-----							C	6	6	6	5	5	5	-----							C	4	I	7	4	I	7	7												
85674-X27LF							B	2	2	6	6	6	2	85674-X31LF							B	4	2	2	2	2	2	85674-X35LF							B	2	2	2	2	2	2	2	85674-X43LF							B	6	5	5	5	5	5	85674-X47LF							B	7	7	4	I	7	7	7												
							A	2	2	6	6	6	2								A	4	2	2	2	2	2								A	6	6	6	6	6	6	6								A	5	5	5	5	5	5								A	7	7	7	6	I	7	7												

METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I							METRAL P/N							CONTACT CODE MOD. I																				
ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6							ROW							I 2 3 4 5 6						
85674-X28							E	3	3	3	3	3	3	85674-X32							E	2	2	2	2	2	2	85674-X36							E	2	2	4	4	2	2	85674-X44							E	6	6	6	6	6	6	85674-X48							E	-	59	59	59	59	59														
							D	I	I	I	I	I	I								D	2	2	2	2	2	2								D	2	2	2	2	2	2	2								D	6	6	6	6	5	5								D	-	59	59	59	59	59													
-----							C	I	I	I	I	I	I	-----							C	2	2	4	4	2	2	-----							C	2	2	4	4	2	2	-----							C	6	6	6	6	6	6	-----							C	-	59	59	59	59	59														
85674-X28LF							B	I	I	I	I	I	I	85674-X32LF							B	2	2	2	2	2	2	85674-X36LF							B	2	I	I	I	I	I	85674-X44LF							B	5	6	5	5	5	5	85674-X48LF							B	-	59	59	59	59	59														
							A	I	I	I	I	I	I								A	2	2	2	2	2	2								A	I	I	I	I	I	I								A	5	6	5	5	5	5								A	-	59	59	59	59	59														

spec ref *			dr			Terran Huang			2010/07/09			projection			MM			size			A4			scale		
tolerance std			eng			Narayanan, Aru			2018/10/03									ecn no			ELX-I-31392-1					
ISO 406			chr			-			-									rel level			Released					
ISO 1102			appr			K-Paul Biju			2018/10/04			product family			METRAL											
surface 3.200			linear			0.X			±0.3			Amphenol FCi			METRAL SIGNAL HEADER			dwg no			85674			rev		
						0.XX			±0.13																	
						0.XXX			±0.051																	
ISO 1302			angular			0°			±2°			cat. no.			-			Product - Customer Drw			sheet 4 of 10					

A

B

C

D

METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5
85674-X49	E	3	3	3	3	3
	D	3	3	3	3	3
-----	C	-	-	3	3	3
85674-X49LF	B	-	-	-	-	3
	A	3	3	-	-	3

METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5
85674-X50	E	3	3	3	3	3
	D	3	3	19	3	3
-----	C	3	3	19	3	3
85674-X50LF	B	3	3	3	3	3
	A	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5
85674-X51	E	5	5	5	5	5
	D	6	6	6	6	6
-----	C	6	6	5	5	5
85674-X51LF	B	6	5	5	5	5
	A	5	5	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5
85674-X52	E	1	1	1	1	1
	D	1	1	1	1	1
-----	C	3	1	1	1	3
85674-X52LF	B	1	1	1	1	1
	A	1	1	1	1	1

spec ref		*		dr		Terran Huang		2010/07/09		projection		MM		size		A4		scale		11:10	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Narayanan, Aru		2018/10/03						ecn no		ELX-I-31392-1					
ISO 406				chr		-		-						rel level		Released					
ISO 1102				appr		K-Paul Biju		2018/10/04		product family		METRAL									
surface 3.200		linear		0.X		±0.3		Amphenol FCI		title		METRAL SIGNAL HEADER		dwg no		85674		rev		CK	
				0.XX		±0.13															
				0.XXX		±0.051															
ISO 1302		angular		0°		±2°				cat. no.		-		Product - Customer Drw				sheet 5 of 10			

METRAL P/N						CONTACT CODE MOD. I						METRAL P/N						CONTACT CODE MOD. I						METRAL P/N						CONTACT CODE MOD. I						METRAL P/N						CONTACT CODE MOD. I						METRAL P/N						CONTACT CODE MOD. I										
85674-X73						ROW	I	2	3	4	5	6	85674-X77						ROW	I	2	3	4	5	6	85674-X81						ROW	I	2	3	4	5	6	85674-X85						ROW	I	2	3	4	5	6	85674-X89						ROW	I	2	3	4	5	6
						E	20	6	8	8	6	20							E	3	3	3	2	2	2							E	2	2	3	3	3	4							E	7	7	6	8	3	3							E	3	8	6	6	6	6
-----						D	20	6	8	8	6	20	-----						D	3	3	3	2	2	2	-----						D	2	2	3	3	3	4	-----						D	7	7	6	8	3	3	-----						D	3	8	6	6	6	6
						C	20	6	8	8	6	20							C	3	3	3	2	2	2							C	2	2	3	3	3	4							C	7	7	6	8	3	3							C	3	8	6	6	6	6
85674-X73LF						B	20	6	8	8	6	20	85674-X77LF						B	3	3	3	2	2	2	85674-X81LF						B	2	2	3	3	3	4	:85674-X85LF						B	7	7	6	8	3	3	85674-X89LF						B	3	8	6	6	6	6
						A	20	6	8	8	6	20							A	3	3	3	2	2	2							A	2	2	3	3	3	4							A	7	7	6	8	3	3							A	3	8	6	6	6	6

METRAL P/N						CONTACT CODE MOD. I						METRAL P/N						CONTACT CODE MOD. I						METRAL P/N						CONTACT CODE MOD. I						METRAL P/N						CONTACT CODE MOD. I						METRAL P/N						CONTACT CODE MOD. I										
85674-X74						ROW	I	2	3	4	5	6	85674-X78						ROW	I	2	3	4	5	6	85674-X82						ROW	I	2	3	4	5	6	85674-X86						ROW	I	2	3	4	5	6	85674-X90						ROW	I	2	3	4	5	6
						E	2	2	2	2	2	1							E	3	4	2	2	2	3							E	3	3	3	3	3	1							E	4	4	4	4	3	3							E	2	2	2	2	2	2
-----						D	2	2	2	2	2	2	-----						D	3	4	2	2	2	3	-----						D	3	3	3	3	3	1	-----						D	4	4	4	4	3	3	-----						D	2	2	2	2	2	2
						C	2	2	2	2	2	2							C	3	4	2	2	2	3							C	3	3	3	3	3	1							C	4	4	4	4	3	3							C	2	2	2	2	2	4
85674-X74LF						B	2	2	2	2	1	2	85674-X78LF						B	3	4	2	2	2	3	85674-X82LF						B	3	3	3	3	3	1	85674-X86LF						B	4	4	4	4	3	3	85674-X90LF						B	2	2	2	2	2	2
						A	2	2	2	2	1	2							A	3	4	2	2	2	3							A	3	3	3	3	3	1							A	4	4	4	4	3	3							A	2	2	2	2	2	2

METRAL P/N						CONTACT CODE MOD. I						METRAL P/N						CONTACT CODE MOD. I						METRAL P/N						CONTACT CODE MOD. I						METRAL P/N						CONTACT CODE MOD. I						METRAL P/N						CONTACT CODE MOD. I										
85674-X75						ROW	I	2	3	4	5	6	85674-X79						ROW	I	2	3	4	5	6	85674-X83						ROW	I	2	3	4	5	6	85674-X87						ROW	I	2	3	4	5	6	85674-X91						ROW	I	2	3	4	5	6
						E	2	2	2	2	3	3							E	3	2	2	2	2	2							E	1	3	3	3	3	3							E	3	4	3	4	3	4							E	2	2	2	2	2	2
-----						D	2	2	2	2	3	3	-----						D	3	2	2	2	2	2	-----						D	1	3	3	3	3	3	-----						D	3	4	3	4	3	4	-----						D	1	2	2	2	2	2
						C	2	2	2	2	3	3							C	3	2	2	2	2	2							C	1	3	3	3	3	3							C	3	4	4	4	4	4							C	2	2	2	2	2	2
85674-X75LF						B	4	4	4	4	3	3	85674-X79LF						B	3	2	2	2	2	2	85674-X83LF						B	1	3	3	3	3	3	85674-X87LF						B	3	4	2	4	2	4	85674-X91LF						B	2	2	2	2	2	2
						A	4	4	4	4	3	3							A	3	2	2	2	2	2							A	1	3	3	3	3	3							A	3	4	2	4	2	4							A	2	2	2	2	2	2

METRAL P/N						CONTACT CODE MOD. I						METRAL P/N						CONTACT CODE MOD. I						METRAL P/N						CONTACT CODE MOD. I						METRAL P/N						CONTACT CODE MOD. I						METRAL P/N						CONTACT CODE MOD. I										
85674-X76						ROW	I	2	3	4	5	6	85674-X80						ROW	I	2	3	4	5	6	85674-X84						ROW	I	2	3	4	5	6	85674-X88						ROW	I	2	3	4	5	6	85674-X92						ROW	I	2	3	4	5	6
						E	2	2	2	3	3	3							E	2	2	1	1	3	3							E	3	3	1	2	2	3							E	8	7	8	8	7	7							E	3	4	3	4	3	4
-----						D	2	2	2	3	3	3	-----						D	2	2	3	3	3	3	-----						D	3	3	1	2	2	3	-----						D	8	7	8	8	7	7	-----						D	3	4	3	4	3	4
						C	2	2	2	3	3	3							C	2	2	3	3	3	3							C	3	3	1	2	2	3							C	8	7	8	8	7	7							C	4	4	4	4	4	4
85674-X76LF						B	2	2	2	3	3	3	85674-X80LF						B	1	2	3	3	3	3	85674-X84LF						B	3	3	1	2	2	3	85674-X88LF						B	8	7	8	8	7	7	:85674-X92LF						B	2	4	2	4	2	4
						A	2	2	2	3	3	3							A	1	2	3	3	3	3							A	3	3	1	2	2	3							A	8	7	8	8	7	7							A	2	4	2	4	2	4

spec ref		*		dr		Terran Huang		2010/07/09		projection		MM		size		A4		scale		11:10	
tolerance std		ISO 406		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Narayanan, Aru		2018/10/03				ecn no		ELX-I-31392-1		rel level		Released	
ISO 1102						chr		-		-		product family		METRAL							
surface 3.200		linear		0.X		±0.3		Amphenol FCI		METRAL SIGNAL HEADER		dwg no		85674						rev	
ISO 1302		angular		0°		±2°				I MOD, 5 ROW PRESS-FIT										CK	
										cat. no.		-		Product - Customer Drw						sheet 6 of 10	

A

B

C

D

METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5 6
85674-X97	E	4	-	4	4	4 3
	D	4	-	4	4	4 3
-----	C	4	-	4	4	4 3
	B	4	-	4	4	4 3
85674-X97LF	A	4	-	4	4	4 3

METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5 6
85674-X101	E	2	2	2	2	2 1
	D	2	2	2	2	2 2
-----	C	2	1	2	2	2 2
	B	2	1	2	2	1 2
85674-X101LF	A	2	2	2	2	1 2

METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5 6
85674-X105	E	7	8	7	8	7 8
	D	7	8	7	8	7 8
-----	C	8	8	8	8	8 8
	B	6	8	6	8	6 8
85674-X105LF	A	6	8	6	8	6 8

METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5 6
85674-X109	E	2	2	2	2	2 2
	D	3	2	2	2	2 2
-----	C	4	2	2	2	2 4
	B	2	2	2	2	2 2
85674-X109LF	A	2	2	2	2	2 2

METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5 6
85674-X113	E	67	64	64	64	64 64
	D	67	64	64	64	64 64
-----	C	67	64	64	64	64 64
	B	67	64	64	64	64 64
85674-X113LF	A	67	64	64	64	64 64

METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5 6
85674-X117	E	-	4	2	4	2 4
	D	-	4	2	4	2 4
-----	C	-	4	4	4	4 4
	B	-	4	2	4	2 4
85674-X117LF	A	-	4	2	4	2 4

METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5 6
85674-X98	E	3	4	3	3	3 3
	D	3	4	3	3	3 3
-----	C	3	4	3	3	3 3
	B	3	4	3	3	3 3
85674-X98LF	A	3	4	3	3	3 3

METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5 6
85674-X102	E	4	4	-	2	2 2
	D	4	4	-	2	2 4
-----	C	4	4	-	2	2 2
	B	-	-	-	2	2 2
85674-X102LF	A	4	2	2	2	2 2

METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5 6
85674-X106	E	7	8	7	8	1 2
	D	7	8	7	8	2 2
-----	C	8	8	8	8	2 2
	B	6	8	6	8	1 2
85674-X106LF	A	6	8	6	8	1 2

METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5 6
85674-X110	E	2	2	2	2	19
	D	2	2	2	2	19
-----	C	2	2	2	2	19
	B	2	2	2	2	19
85674-X110LF	A	2	2	2	4	2 19

METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5 6
85674-X114	E	6	-	6	-	6 -
	D	-	-	-	-	-
-----	C	6	-	6	-	6 -
	B	-	-	-	-	-
85674-X114LF	A	6	-	6	-	6 -

METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5 6
85674-X118	E	2	2	2	19	19 19
	D	2	2	2	19	19 19
-----	C	2	2	2	19	19 19
	B	2	2	2	19	19 19
85674-X118LF	A	2	2	2	19	19 19

METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5 6
85674-X99	E	2	2	1	1	2 2
	D	2	2	2	2	2 2
-----	C	2	2	2	2	2 2
	B	1	2	2	2	2 2
85674-X99LF	A	1	2	2	2	2 2

METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5 6
85674-X103	E	29	29	29	7	7 7
	D	29	29	29	7	7 7
-----	C	29	29	29	7	7 7
	B	29	29	29	7	7 7
85674-X103LF	A	29	29	29	7	7 7

METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5 6
85674-X107	E	19	19	19	3	3 3
	D	19	19	19	3	3 3
-----	C	19	19	19	3	3 3
	B	19	19	19	3	3 3
85674-X107LF	A	19	19	19	3	3 3

METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5 6
85674-X111	E	6	6	6	6	6 20
	D	6	6	6	6	6 20
-----	C	6	6	6	6	6 20
	B	6	6	6	6	6 20
85674-X111LF	A	6	6	6	8	6 20

METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5 6
85674-X115	E	64	64	64	64	64 64
	D	64	64	64	64	64 64
-----	C	65	64	64	64	64 64
	B	64	64	64	64	64 64
85674-X115LF	A	64	64	64	64	64 64

METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5 6
85674-X119	E	1	1	1	3	1 1
	D	1	1	1	3	1 1
-----	C	1	1	1	3	1 1
	B	1	1	1	3	1 1
85674-X119LF	A	1	1	1	3	1 1

METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5 6
85674-X100	E	2	2	1	2	2 2
	D	2	2	1	2	2 2
-----	C	2	2	2	2	2 2
	B	2	2	2	2	2 2
85674-X100LF	A	2	2	2	2	2 2

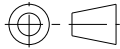
METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5 6
85674-X104	E	7	7	7	29	29 29
	D	7	7	7	29	29 29
-----	C	7	7	7	29	29 29
	B	7	7	7	29	29 29
85674-X104LF	A	7	7	7	29	29 29

METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5 6
85674-X108	E	3	3	3	19	19 19
	D	3	3	3	19	19 19
-----	C	3	3	3	19	19 19
	B	3	3	3	19	19 19
85674-X108LF	A	3	3	3	19	19 19

METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5 6
85674-X112	E	64	64	64	64	64 64
	D	64	64	64	64	64 64
-----	C	67	64	64	64	64 64
	B	64	64	64	64	64 64
85674-X112LF	A	64	64	64	64	64 64

METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5 6
85674-X116	E	4	4	-	2	2 2
	D	4	4	-	2	2 4
-----	C	4	4	-	2	2 2
	B	-	-	-	2	2 2
85674-X116LF	A	4	4	4	4	4 4

METRAL P/N	ROW	CONTACT CODE MOD. I				
		I	2	3	4	5 6
85674-X120	E	1	2	2	2	2 2
	D	2	2	2	2	2 2
-----	C	2	2	2	2	2 2
	B	2	2	2	2	2 2
85674-X120LF	A	2	2	2	2	2 2

spec ref	*	dr	Terran Huang	2010/07/09	projection		size	A4	scale	1:10
tolerance std	ISO 406 ISO 1102	eng	Narayanan, Aru	2018/10/03	chr	-	ecn no	ELX-I-31392-1	rel level	Released
surface	3.200	appr	K-Paul Biju	2018/10/04	product family	METRAL	rel level	Released	dwg no	85674
linear	0.X ±0.3 0.XX ±0.13 0.XXX ±0.051	Amphenol FCI	title	METRAL SIGNAL HEADER	cat. no.	-	Product - Customer Drw	sheet 7 of 10	rev	CK
angular	0° ±2°									

Creo File - REV E - 2016-02-12

1				2				3				4			
PRODUCT NUMBER															
85674-XXY OR 85674-XXXX															
85674-XXYLF OR 85674-XXXXLF															
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:															
85674-XXY IS SnPb															
85674-XXYLF IS SN (LEAD FREE)															
PLATING ON CONTACT 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															
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 NUMBER ENDS IN LF MEET THE															
EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS															
AS DESCRIBED IN GS-22-008.															
ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING															
(DRAWING NO.)-NI--- OR (DRAWING NO.)-N5---WILL WITHSTAND EXPOSURE															
TO 260°C FOR 60 SECONDS IN A CONVECTION, INFAR-RED OR															
VAPOR PHASE REFLOW OVEN. PART NUMBERS (DRAWING NO.)-NI---															
AND (DRAWINGS NO.)-N5---WILL NOT WITHSTAND REFLOW AND 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.															
spec ref *				dr Terran Huang 2010/07/09				projection				size A4			
tolerance std				eng Narayanan, Aru 2018/10/03								scale 1:10			
ISO 406				chr -								ecn no ELX-I-31392-1			
ISO 1102				appr K-Paul Biju 2018/10/04				product family METRAL				rel level Released			
surface 3.200				Amphenol FCI				title METRAL SIGNAL HEADER				dwg no 85674			
linear				0.X ±0.3				1 MOD, 5 ROW PRESS-FIT				rev CK			
0.XX ±0.13															
0.XXX ±0.051															
angular 0° ±2°				cat. no. -				Product - Customer Drw				sheet 10 of 10			
ISO 1302															