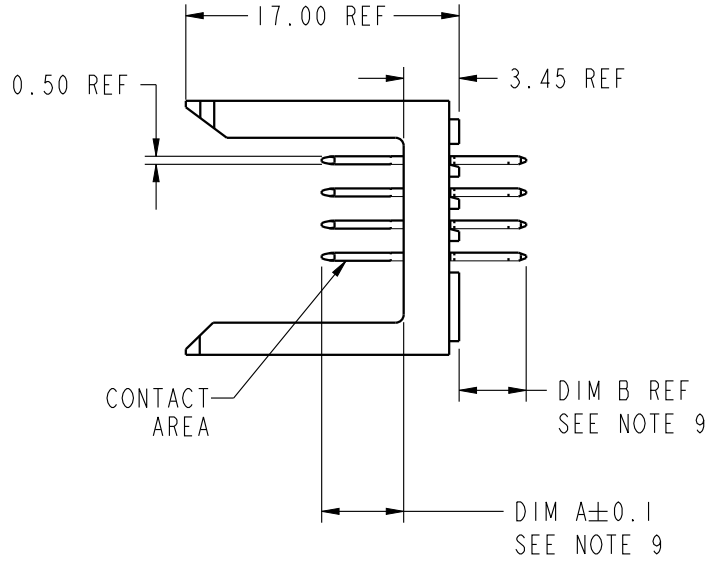
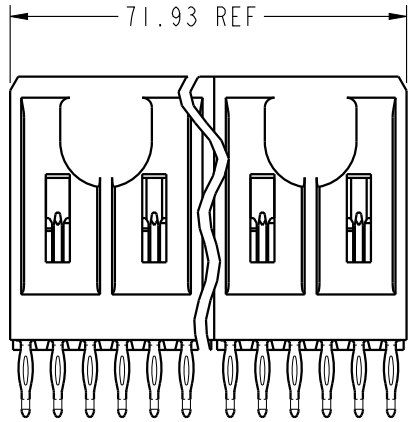
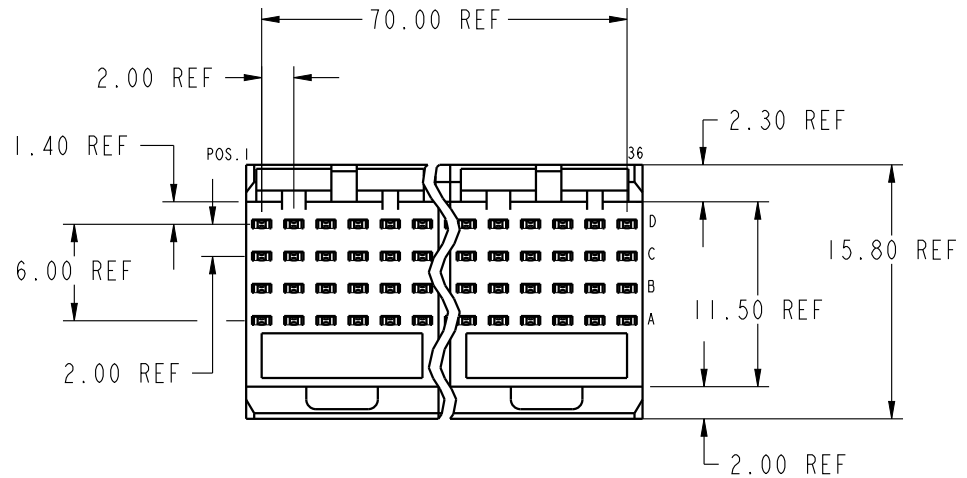


PRODUCT NUMBER
70453-XYX(L)LF



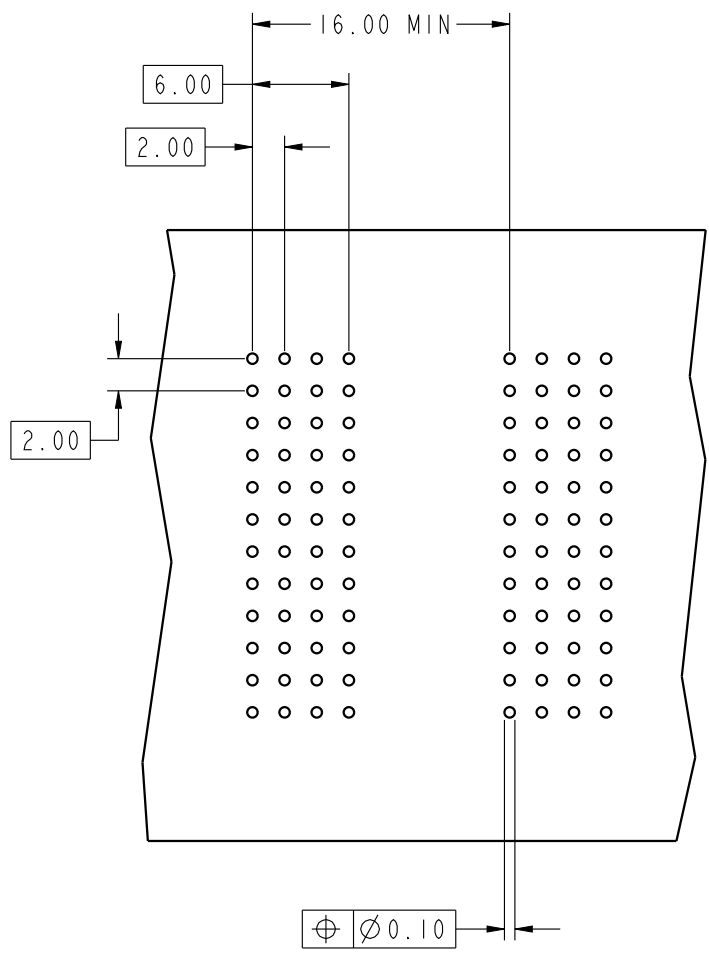
PART NUMBER : 70453-XYX(L)LF

L REFER LUBRICATED (OPTIONAL) \triangle
SEE NOTE 5

X REFER PLATING PERFORMANCE \triangle
SEE NOTE 5

spec ref *		dr Terran Huang 2010/07/09		projection 	MM \longleftrightarrow	size A4	scale 1:10
tolerance std ISO 406 ISO 1101		eng Rahul Mohan-M 2021/08/16				ecn no ELX-I-41769-1	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr -				rel level Released	
surface \checkmark		linear	0.X ± 0.3	product family METRAL		dwg no 70453	rev S
			0.XX ± 0.13				
			0.XXX ± 0.050				
		angular	0° $\pm 2^\circ$	amphenol-icc.com		cat. no. * Product - Customer Drw sheet 1 of 5	

Creo F114:ELX-WC:AC,REV F,2020-12-21









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
19	8.00	4.30

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

spec ref	*	dr	Terran Huang	2010/07/09	projection	MM	size	A4	scale	21:10					
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/08/16			ecn no	ELX-I-41769-1							
ISO 406		chr	-	-			rel level	Released							
ISO 1101		appr	Kuriakose, San	2021/08/16	product family	METRAL									
surface	3.200	Amphenol FCi	amphenol-icc.com	cat. no.	-	Product - Customer Drw	dwg no	70453	rev	S					
ISO 1302	linear										0.X	±0.3	title	METRAL SIGNAL HEADER	sheet 2 of 5
											0.XX	±0.13			
	angular	0°	±2°												

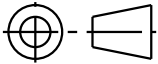

Creo F119:ELX-FCI:REV F, 2020-12-21

NOTES:

1. FOR DIM A AND B SEE DWG. NO. 70451 SHTS 2 THRU 8
FOR DASH NUMBERS X010 THROUGH X099.
FOR DASH NOS. X300 AND UP, SEE SHT 3 FOR SELECT
LOAD NUMBERS.
2. FOR DIM A, AND B SEE SHEET 2 AND UP.
3. BODY MATERIAL: THERMOPLASTIC UL-94V0. 
4. PIN MATERIAL : COPPER ALLOY. 
5. FOR PLATING PERFORMANCE LEVEL REFER DRAWING # 10159408. 
6. PRODUCT MARKING: PART NUMBER DESIGNATION & BATCH I.D.
7. ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT
TABLES WILL BE PACKAGED IN TUBES. IF TRAY PACKAGING
IS REQUIRED, SUFFIX "P" WILL BE ADDED TO THE END OF
THE PART NUMBER. EXAMPLE: XXXXX-XXXXP OR XXXXX-XXXXPLF
8. PRODUCT SPECIFICATION: GS-12-180
APPLICATION SPECIFICATION: BUS-20-073
9. AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
10. THE PRODUCTS WHERE THE PART NUMBERS ENDS IN 
LF MEET THE EUROPEAN UNION DIRECTIVE AND OTHER
COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
11. ALL PRODUCTS WILL WITHSTAND
EXPOSURE TO 260° C FOR 60 SECONDS IN A
CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. 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.
12. A  SYMBOL WILL BE NEXT TO ANY DIMENSION , VIEW , OR NOTE WHICH HAS BEEN MODIFIED
WITH THE CURRENT DRAWING REVISION.

Amphenol
FCi

© 2020 Amphenol Corporation

spec ref *		dr	Terran Huang	2010/07/09	projection 	MM 	size	A4	scale	1:10	
tolerance std		eng	Rahul Mohan-M	2021/08/16			ecn no	ELX-I-41769-1			
ISO 406 ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr			-	rel level	Released		
surface 3.200		appr	Kuriakose, San	2021/08/16	product family		METRAL				
ISO 1302	linear	0.X	±0.3	Amphenol FCi	title METRAL SIGNAL HEADER			dwg no	70453		rev
		0.XX	±0.13								
	0.XXX	±0.050									
	angular	0°	±2°	amphenol-icc.com	cat. no.	-	Product - Customer Drw			sheet 3 of 5	

Creo F114-ELX-NC-AAC, REV F, 2020-12-21

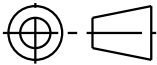

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						MOD. 3						MOD. 4						MOD. 5						MOD. 6						
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
70453-X300LF	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1
	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	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	1	1	1	1	1	1	1	1	3	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	1	1	1	1	1	1	1	3	1	1	1	

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						MOD. 3						MOD. 4						MOD. 5						MOD. 6						
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
70453-X301LF	D	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-
	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	A	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						MOD. 3						MOD. 4						MOD. 5						MOD. 6					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
70453-X302LF	D	3	3	3	3	3	3	3	3	3	3	3	3	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	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	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	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						MOD. 3						MOD. 4						MOD. 5						MOD. 6					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
70453-X303LF	D	3	3	-	3	3	3	3	3	3	3	3	3	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	3	3	3	3	3	3	3	3
	B	19	-	3	3	-	3	3	3	3	3	3	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	19	-	3	3	-	3	3	3	3	3	3	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	ROW	CONTACT CODE MOD. 1					MOD. 2						MOD. 3						MOD. 4						MOD. 5						MOD. 6					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
70453-X304LF	D	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	C	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
	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	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	3	3	3	3	3	3	3	3	3	3	3

spec ref	*	dr	Terran Huang	2010/07/09			size	A4	scale	1:10
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/08/16			ecn no	ELX-I-41769-1		
ISO 406 ISO 1101		chr	-	-			rel level	Released		
surface	3.200	appr	Kuriakose, San	2021/08/16	product family	METRAL	rev			
ISO 1302	linear				Amphenol FCI	METRAL SIGNAL HEADER	70453	S		
	angular				amphenol-icc.com	6 MOD, 4 ROW PRESS-FIT				
					cat. no.	-	Product - Customer Drw	sheet 4 of 5		

