



NOTE: * For more cable entry and length options, contact factory

TABLE - A																											
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		X (MAX)		Y (MAX)										
SHELL SIZE	ENTRY SIZE	LENGTH	CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH		MM		INCH	MM									
							INCH	MM	INCH	MM			INCH	MM	INCH	MM											
08	01	1	09	1	STD.	09 / A	0.06	1.57	0.13	3.18	0.75	19.05	1.53	38.86	1.25	31.75	0.80	20.32									
		2			A								2.53	64.26													
	02	1		STD.	0.13		3.18	0.25	6.35	1.53			38.86														
		2		A						2.53			64.26														
10	01	1	11	1	STD.	11 / B	0.06	1.57	0.13	3.18	0.85	21.59	1.53	38.86	1.25	31.75	0.80	20.32									
		2			A								2.53	64.26													
	02	1		STD.	0.13		3.18	0.25	6.35	1.53			38.86														
		2		A						2.53			64.26														
	12	01		1	13		2	STD.	13 / C	0.13			3.18	0.25					6.35	1.00	25.40	1.53	38.86	1.25	31.75	1.00	25.40
				2				A														2.53	64.26				
02		1	STD.	0.25		6.35	0.38	9.53		1.53	38.86																
		2	A							2.53	64.26																
14	01	1	15	2	STD.	15 / D	0.13	3.18	0.25	6.35	1.15	29.21	1.53	38.86	1.25	31.75	1.00	25.40									
		2			A								2.53	64.26													
		3			B								3.53	89.66													
	02	1		STD.	3		3	STD.	0.25	6.35			0.38	9.53					1.53	38.86	1.25	31.75	1.10	27.94			
		2		A																					2.53	64.26	
		3		B																					3.53	89.66	
	03	1		STD.	4		4	STD.	0.38	9.53			0.50	12.70					1.53	38.86	1.25	31.75	1.20	30.48			
		2		A																					2.53	64.26	
		3		B																					3.53	89.66	
	04	1		STD.	5		5	STD.	0.50	12.70			0.63	15.88					1.53	38.86	1.31	33.27	1.25	31.75			
		2		A																					2.53	64.26	
		3		B																					3.53	89.66	
16	01	1	17	2	STD.	17 / E	0.13	3.18	0.25	6.35	1.25	31.75	1.53	38.86	1.25	31.75	1.00	25.40									
		2			A								2.53	64.26													
		3			B								3.53	89.66													
	02	1		STD.	3		3	STD.	0.25	6.35			0.38	9.53					1.53	38.86	1.25	31.75	1.10	27.94			
		2		A																					2.53	64.26	
		3		B																					3.53	89.66	
	03	1		STD.	4		4	STD.	0.38	9.53			0.50	12.70					1.53	38.86	1.25	31.75	1.20	30.48			
		2		A																					2.53	64.26	
		3		B																					3.53	89.66	
	04	1		STD.	5		5	STD.	0.50	12.70			0.63	15.88					1.53	38.86	1.31	33.27	1.25	31.75			
		2		A																					2.53	64.26	
		3		B																					3.53	89.66	
	05	1		STD.	6		6	STD.	0.63	15.88			0.75	19.05					1.53	38.86	1.38	35.05	1.40	35.56			
		2		A																					2.53	64.26	
		3		B																					3.53	89.66	

Table Continued

Straight

TABLE - A

AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		X (MAX)		Y (MAX)		
SHELL SIZE	ENTRY SIZE	LENGTH	CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	
							INCH	MM	INCH	MM									
18	01	1	19	3	STD.	19 / F	0.25	6.35	0.38	9.53	1.40	35.56	1.53	38.86	1.25	31.75	1.10	27.94	
		2			A								2.53	64.26					
		3			B								3.53	89.66					
	02	1		STD.	4		STD.	0.38	9.53	0.50			12.70	1.53	38.86	1.25	31.75	1.20	30.48
		2		A			2.53							64.26					
		3		B			3.53							89.66					
	03	1		STD.	5		STD.	0.50	12.70	0.63			15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2		A			2.53							64.26					
		3		B			3.53							89.66					
	04	1		STD.	6		STD.	0.63	15.88	0.75			19.05	1.53	38.86	1.38	35.05	1.40	35.56
		2		A			2.53							64.26					
		3		B			3.53							89.66					
	05	1		STD.	7		STD.	0.75	19.05	0.88			22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2		A			2.53							64.26					
		3		B			3.53							89.66					
20	01	1	21	3	STD.	21 / G	0.25	6.35	0.38	9.53	1.55	39.37	1.53	38.86	1.25	31.75	1.10	27.94	
		2			A								2.53	64.26					
		3			B								3.53	89.66					
		4			C								4.53	115.06					
	02	1		STD.	4		STD.	0.38	9.53	0.50			12.70	1.53	38.86	1.25	31.75	1.20	30.48
		2		A			2.53							64.26					
		3		B			3.53							89.66					
		4		C			4.53							115.06					
	03	1		STD.	5		STD.	0.50	12.70	0.63			15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2		A			2.53							64.26					
		3		B			3.53							89.66					
		4		C			4.53							115.06					
	04	1		STD.	6		STD.	0.63	15.88	0.75			19.05	1.53	38.86	1.38	35.05	1.40	35.56
		2		A			2.53							64.26					
		3		B			3.53							89.66					
		4		C			4.53							115.06					
	05	1		STD.	7		STD.	0.75	19.05	0.88			22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2		A			2.53							64.26					
		3		B			3.53							89.66					
		4		C			4.53							115.06					
	06	1		STD.	8		STD.	0.88	22.23	1.00			25.40	1.53	38.86	1.63	41.40	1.65	41.91
		2		A			2.53							64.26					
		3		B			3.53							89.66					
		4		C			4.53							115.06					
22	01	1	23	3	STD.	23 / H	0.25	6.35	0.38	9.53	1.65	41.91	1.53	38.86	1.25	31.75	1.10	27.94	
		2			A								2.53	64.26					
		3			B								3.53	89.66					
		4			C								4.53	115.06					
	02	1		STD.	4		STD.	0.38	9.53	0.50			12.70	1.53	38.86	1.25	31.75	1.20	30.48
		2		A			2.53							64.26					
		3		B			3.53							89.66					
		4		C			4.53							115.06					
	03	1		STD.	5		STD.	0.50	12.70	0.63			15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2		A			2.53							64.26					
		3		B			3.53							89.66					
		4		C			4.53							115.06					
	04	1		STD.	6		STD.	0.63	15.88	0.75			19.05	1.53	38.86	1.38	35.05	1.40	35.56
		2		A			2.53							64.26					
		3		B			3.53							89.66					
		4		C			4.53							115.06					
	05	1		STD.	7		STD.	0.75	19.05	0.88			22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2		A			2.53							64.26					
		3		B			3.53							89.66					
		4		C			4.53							115.06					
	06	1		STD.	8		STD.	0.88	22.23	1.00			25.40	1.53	38.86	1.63	41.40	1.65	41.91
		2		A			2.53							64.26					
		3		B			3.53							89.66					
		4		C			4.53							115.06					
	07	1		STD.	9		STD.	1.00	25.40	1.13			28.58	1.53	38.86	1.63	41.40	1.75	44.45
		2		A			2.53							64.26					
		3		B			3.53							89.66					
		4		C			4.53							115.06					

Table Continued

Straight

TABLE - A

AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		X (MAX)		Y (MAX)		
SHELL SIZE	ENTRY SIZE	LENGTH	CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	
							INCH	MM	INCH	MM									
18	01	1	19	3	STD.	19 / F	0.25	6.35	0.38	9.53	1.40	35.56	1.53	38.86	1.25	31.75	1.10	27.94	
		2			A								2.53	64.26					
		3			B								3.53	89.66					
	02	1		STD.	4		STD.	0.38	9.53	0.50			12.70	1.53	38.86	1.25	31.75	1.20	30.48
		2		A			2.53							64.26					
		3		B			3.53							89.66					
	03	1		STD.	5		STD.	0.50	12.70	0.63			15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2		A			2.53							64.26					
		3		B			3.53							89.66					
	04	1		STD.	6		STD.	0.63	15.88	0.75			19.05	1.53	38.86	1.38	35.05	1.40	35.56
		2		A			2.53							64.26					
		3		B			3.53							89.66					
	05	1		STD.	7		STD.	0.75	19.05	0.88			22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2		A			2.53							64.26					
		3		B			3.53							89.66					
20	01	1	21	3	STD.	21 / G	0.25	6.35	0.38	9.53	1.55	39.37	1.53	38.86	1.25	31.75	1.10	27.94	
		2			A								2.53	64.26					
		3			B								3.53	89.66					
		4			C								4.53	115.06					
	02	1		STD.	4		STD.	0.38	9.53	0.50			12.70	1.53	38.86	1.25	31.75	1.20	30.48
		2		A			2.53							64.26					
		3		B			3.53							89.66					
		4		C			4.53							115.06					
	03	1		STD.	5		STD.	0.50	12.70	0.63			15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2		A			2.53							64.26					
		3		B			3.53							89.66					
		4		C			4.53							115.06					
	04	1		STD.	6		STD.	0.63	15.88	0.75			19.05	1.53	38.86	1.38	35.05	1.40	35.56
		2		A			2.53							64.26					
		3		B			3.53							89.66					
		4		C			4.53							115.06					
	05	1		STD.	7		STD.	0.75	19.05	0.88			22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2		A			2.53							64.26					
		3		B			3.53							89.66					
		4		C			4.53							115.06					
	06	1		STD.	8		STD.	0.88	22.23	1.00			25.40	1.53	38.86	1.63	41.40	1.65	41.91
		2		A			2.53							64.26					
		3		B			3.53							89.66					
		4		C			4.53							115.06					
22	01	1	23	3	STD.	23 / H	0.25	6.35	0.38	9.53	1.65	41.91	1.53	38.86	1.25	31.75	1.10	27.94	
		2			A								2.53	64.26					
		3			B								3.53	89.66					
		4			C								4.53	115.06					
	02	1		STD.	4		STD.	0.38	9.53	0.50			12.70	1.53	38.86	1.25	31.75	1.20	30.48
		2		A			2.53							64.26					
		3		B			3.53							89.66					
		4		C			4.53							115.06					
	03	1		STD.	5		STD.	0.50	12.70	0.63			15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2		A			2.53							64.26					
		3		B			3.53							89.66					
		4		C			4.53							115.06					
	04	1		STD.	6		STD.	0.63	15.88	0.75			19.05	1.53	38.86	1.38	35.05	1.40	35.56
		2		A			2.53							64.26					
		3		B			3.53							89.66					
		4		C			4.53							115.06					

Table Continued



Straight

TABLE - A

AMPHENOL PART NUMBER DESIGNATOR		MIL PART NUMBER DESIGNATOR				CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		X (MAX)		Y (MAX)				
SHELL SIZE	ENTRY SIZE	LENGTH	CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM			
							INCH	MM	INCH	MM											
22	05	1	23	7	STD.	23 / H	0.75	19.05	0.88	22.23	1.65	41.91	1.53	38.86	1.50	38.10	1.50	38.10			
		2			A								2.53	64.26							
		3			B								3.53	89.66							
		4			C								4.53	115.06							
	06	1		STD.	8		STD.	0.88	22.23	1.00			25.40	1.53	38.86	1.63	41.40	1.53	38.86	1.65	41.91
		2		A			2.53							64.26							
		3		B			3.53							89.66							
		4		C			4.53							115.06							
	17	1		STD.	9		STD.	1.00	25.40	1.13			28.58	1.53	38.86	1.63	41.40	1.53	38.86	1.75	44.45
		2		A			2.53							64.26							
		3		B			3.53							89.66							
		4		C			4.53							115.06							
24	01	1	25	4	STD.	25 / J	0.38	9.53	0.50	12.70	1.85	46.99	1.53	38.86	1.25	31.75	1.20	30.48			
		2			A								2.53	64.26							
		3			B								3.53	89.66							
		4			C								4.53	115.06							
	02	1		STD.	5		STD.	0.50	12.70	0.63			15.88	1.53	38.86	1.31	33.27	1.53	38.86	1.25	31.75
		2		A			2.53							64.26							
		3		B			3.53							89.66							
		4		C			4.53							115.06							
	03	1		STD.	6		STD.	0.63	15.88	0.75			19.05	1.53	38.86	1.38	35.05	1.53	38.86	1.40	35.56
		2		A			2.53							64.26							
		3		B			3.53							89.66							
		4		C			4.53							115.06							
	04	1		STD.	7		STD.	0.75	19.05	0.88			22.23	1.53	38.86	1.50	38.10	1.53	38.86	1.50	38.10
		2		A			2.53							64.26							
		3		B			3.53							89.66							
		4		C			4.53							115.06							
	05	1		STD.	8		STD.	0.88	22.23	1.00			25.40	1.53	38.86	1.63	41.40	1.53	38.86	1.65	41.91
		2		A			2.53							64.26							
		3		B			3.53							89.66							
		4		C			4.53							115.06							
	06	1		STD.	9		STD.	1.00	25.40	1.13			28.58	1.53	38.86	1.63	41.40	1.53	38.86	1.75	44.45
		2		A			2.53							64.26							
		3		B			3.53							89.66							
		4		C			4.53							115.06							
	07	1		STD.	10		STD.	1.13	28.58	1.25			31.75	1.53	38.86	1.63	41.40	1.53	38.86	1.90	48.26
		2		A			2.53							64.26							
		3		B			3.53							89.66							
		4		C			4.53							115.06							



Mouser Electronics

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[M85049/1809N01A](#) [M85049/1809N02](#) [M85049/1809N02A](#) [M85049/1809W01](#) [M85049/1809W01A](#) [M85049/1809W02](#)
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[M85049/1817N04B](#) [M85049/1817N05](#) [M85049/1817N05A](#) [M85049/1817N05B](#) [M85049/1817N06](#) [M85049/1817N06A](#)
[M85049/1817N06B](#) [M85049/1817W02](#) [M85049/1817W02A](#) [M85049/1817W02B](#) [M85049/1817W03A](#)
[M85049/1817W03B](#)