

# JT/LJT

## insert availability and identification, alternate positioning

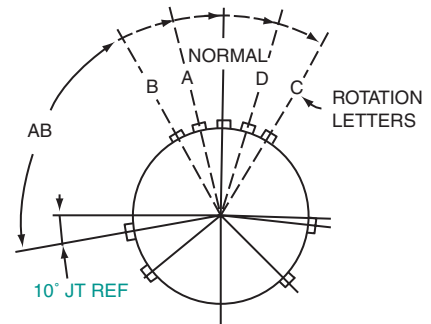
JT	LJT	Solder	Crimp	Hermetics		Service Rating	Total Con-tacts	Contact Size							
				Class H	Class Y*			22D	22M	22	20	16	12	8 (Coax)	
8-2		P				M	2				2				
8-3		X	N/A	P	P	M	3				3				
	9-3	X													
8-6		X	X	P	P	M	6		6						
	9-6	X	X	P	P										
						M	7		7						
	9-7	X													
						I	2				2				
8-35			X	P	P	M	6	6							
	9-35		X	P	P										
8-44			X	P	P	M	4			4					
	9-44		X												
8-97		X				M	4		2		2				
8-98		S	X	P	P	I	3				3				
	9-98	X	X	P	P										
						I	2					2			
	11-2★		2	P**											
10-4			3			I	4				4				
	11-4	X	2												
10-5		X	X	P	P	I	5				5				
	11-5	X	2												
						I	6				6				
	11-6	S													
10-13		X	X	P	P	M	13		13						
	11-13	X	X	P	P										
10-35			X	P	P	M	13	13							
	11-35		X	P	P										
10-98		X	X	P/S	P	I	6				6				
	11-98	X	X	P	P										
10-99			X	P	P	I	7				7				
	11-99		P												
12-3		X	X	P	P	II	3					3			
	13-3		P												
12-4		X	X	P	P	I	4				4				
	13-4★	X	X	P/S	P										
12-8		X	X	P	P/S	I	8				8				
	13-8	X	X	P	P										
12-22			X	P	P	M	22		22						
	13-22	X	X	P/S	P										
12-35			X	P	P	M	22	22							
	13-35		X	P	P										
12-98		X	X	P/S	P	I	10				10				
	13-98	X	X	P/S	P										
14-4			2			I	4						4		
	15-4		3												
14-5		X	X	P	P	II	5				5				
	15-5★	X	X												
14-15		X	X	P/S	P	I	15				14	1			
	15-15	X	X	P/S	P										
14-18		X	X	P/S	P	I	18				18				
	15-18	X	X	P/S	P										
14-19		X	3			I	19				19				
	15-19		2												
14-35			X	P	P	M	37	37							
	15-35		X	P	P										
14-37		X	X	P	P	M	37		37						
	15-37	X	X	P	P										
14-68			2			I	8					8			
	15-68	X	3												
14-97			2	P	P	I	12						8		
	15-97	X	2	P	P								4		

### JT MASTER KEY/KEYWAY ROTATION

Shell Size	AB ANGLE OF ROTATION (Degrees)				
	Normal	A	B	C	D
8	100°	82°	-	-	118°
10	100°	86°	72°	128°	114°
12	100°	80°	68°	132°	120°
14	100°	79°	66°	134°	121°
16	100°	82°	70°	130°	118°
18	100°	82°	70°	130°	118°
20	100°	82°	70°	130°	118°
22	100°	85°	74°	126°	115°
24	100°	85°	74°	126°	115°

A plug with a given rotation letter will mate with a receptacle with the same rotation letter. The AB angle for a given connector is the same whether it contains pins or sockets. Only the master key/keyway rotates in the shell, and the insert always remains in the same position relative to the minor keys.

AB angles shown are viewed from the front face of the connector, a receptacle is shown below. The angles for the plug are exactly the same except the direction of rotation is opposite of that shown for the receptacle.



RELATIVE POSSIBLE POSITION OF ROTATED MASTER KEYWAY (front face of receptacle shown)

- (P) Pin inserts only (consult Amphenol, Sidney, NY for socket availability)
- (S) Socket inserts only (consult Amphenol, Sidney, NY for pin availability)
- (2) Not tooled for RP or 02RE
- (3) Pin inserts only, not tooled for RP or 02RE (consult Amphenol, Sidney, NY for availability)
- \* Same as H with interfacial seal
- \*\* Tooled with special terminal only (consult Amphenol, Sidney, NY for availability of standard terminal)
- ★ Ground plane proprietary option available. See page 51 for further information on ground plane connectors.

## insert availability and identification, alternate positioning

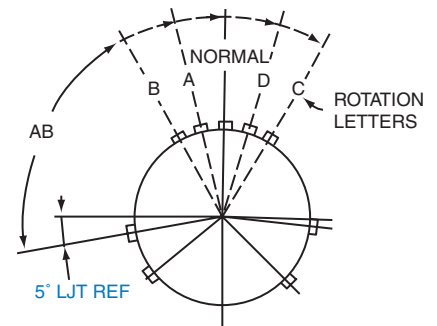
JT	LJT	Solder	Crimp	Hermetics		Service Rating	Total Con-acts	Contact Size								
				Class H	Class Y*			22D	22M	22	20	16	12	8 (Coax)	8 (Twinax)	
	17-2		X			M	39	38								1
16-6			X	P	P	I	6						6			
16-6	17-6		X	P	P	I	6						6			
16-8		X	X	P	P	II	8						8			
16-8	17-8★	X	X	P	P/S	II	8						8			
16-13			2			I	13						13			
	17-13		2			I	13						13			
	17-22					Coax	4						2 Coax	2		
	17-25		2			M	24	22							2	
16-26		X	X	P/S	P	I	26						26			
16-26	17-26	X	X	P/S	P	I	26						26			
16-35			X	P/S	P	M	55	55								
16-35	17-35	X	X	P	P	M	55	55								
16-42			X			M	42				42					
16-42	17-42		P			M	42				42					
16-55		X	X	P/S	P	M	55		55							
16-55	17-55	X	X	P		M	55		55							
16-99		X	X	P	P	I	23				21	2				
16-99	17-99	X	X	S		I	23				21	2				
18-11		X	X	P	P	II	11						11			
18-11	19-11★	X	X	P	P	II	11						11			
	19-18		2			M	18	14								4
18-28		X	X	P	P	I	28				26	2				
18-28	19-28	X	P			I	28				26	2				
18-30		X	X			I	30				29	1				
18-30	19-30	X	P			I	30				29	1				
18-32		X	X	P/S	P	I	32				32					
18-32	19-32	X	X	P/S	P	I	32				32					
18-35		X	X	P	P	M	66	66								
18-35	19-35		X	P	P	M	66	66								
18-53		X	X			M	53			53						
18-53	19-53		P			M	53			53						
18-66		X	X	P	P	M	66		66							
18-66	19-66	X	X	P	P	M	66		66							
	19-67	X	3	S		M	67		67							
18-68			2			I	18				18					
18-68	19-68		3			I	18				18					
18-96			2			I	9						9			
20-1			X	P		M	79		79							
20-1	21-1		X	S		M	79		79							
20-2			X			M	65			65						
20-2	21-2		2			M	65			65						
20-11			3			I	11						11			
20-11	21-11★		2			I	11						11			
20-16		X	X	P	P	II	16						16			
20-16	21-16★	X	X	P	P	II	16						16			
	21-24	X				I	24						24			
	21-25	X				I	25						25			
	21-27	X				I	27						27			
20-35			X			M	79	79								
20-35	21-35		X			M	79	79								
20-39		X	X	P	P	I	39				37	2				
20-39	21-39	X	X			I	39				37	2				
20-41		X	X	P	P	I	41						41			
20-41	21-41	X	X	S		I	41						41			

### LJT MASTER KEY/KEYWAY ROTATION

Shell Size	AB ANGLE OF ROTATION (Degrees)				
	Normal	A	B	C	D
9	95°	77°	-	-	113°
11	95°	81°	67°	123°	109°
13	95°	75°	63°	127°	115°
15	95°	74°	61°	129°	116°
17	95°	77°	65°	125°	113°
19	95°	77°	65°	125°	113°
21	95°	77°	65°	125°	113°
23	95°	80°	69°	121°	110°
25	95°	80°	69°	121°	110°

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- (S) Socket inserts only (consult Amphenol, Sidney, NY for pin availability)
- (2) Not tooled for RP or 02RE
- (3) Pin inserts only, not tooled for RP or 02RE (consult Amphenol, Sidney, NY for availability)
- \* Same as H with interfacial seal
- ★ Ground plane proprietary option available. See page 51 for further information on ground plane connectors.