

Waveguide Details**Driver Details****Voltage Details**

AST **7** **5** **O** **M** - **S** **W** **6P** **1A** - **P** **2** **4**

Waveguide Size * **Flange** * **Thread** (omit for NA threads) * **Option 1** (omit if not needed) **Option 2** (omit if not needed) **Connector option** * **Option 3** (omit if not needed) **Voltage Option** (omit for 115 & 220Vac) * **Voltage** (omit for manual)

EXAMPLE: AST75OM-SW6P1A-P24

WR75 WAVEGUIDE SWITCH, O-RING METRIC FLANGE (PBR), SIDE CONNECTOR MOUNT, WEATHER CAP, 6 PIN CONNECTOR, 1A WIRING, POSITIVE (+) 24VDC

*** = MANDATORY**

REVISIONS		APPROVALS			
SYM	DESCRIPTION	DATE	ENGRG	PROD	Q.A.

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BREAK ALL CORNERS AND SHARP EDGES

UNLESS OTHERWISE SPECIFIED FRACTIONAL $\pm 1/32$ DECIMAL $.XXX \pm .010$ ANGULAR $.XX \pm .020$ $\pm 1/2^\circ$ MATERIAL: NOTED SPEC: FINISH: NOTED SPEC:	DRAWN			WAVEGUIDE SWITCH PART # CHART	AST MICROWAVE 754 Fortune Crescent Kingston, ON K7P 2T3, Canada 613-384-3939
	CHECKER				
	MECH. ENGR.				
	ELEC. ENGR.				
	PROJ. ENGR.				
	CHIEF ENGR.			DRAWING # ASTPNC-1	
				SCALE NTS	SHEET 1 OF 1

Waveguide Details

Driver Details

Voltage Details

AST

28

Waveguide Size

*

DS

Dual Option

*

1

Coax Frequency Code

*

O

Flange

*

Thread

(omit for NA threads)

*

Option 1

(omit if not needed)

W

Option 2

(omit if not needed)

6P

Connector option

*

Option 3

(omit if not needed)

P

Voltage Option

(omit for 115 & 220Vac)

24

Voltage

(omit for manual)

Code	1	2	3	4	5	6
Connector	N or SMA	N or SMA	N or SMA	N or SMA	SMA only	SMA only
Freq Range (GhZ)	DC - 2.0	1.0 - 3.0	3.5 - 4.2	5.85 - 8.2	10.7 - 14.5	17.0 - 18.4

EXAMPLE: AST28DS1O-W6P-P24

WR28 DUAL SWITCH, SMA COAX CONNECTORS, FREQUENCY 1, O-RING FLANGE (UGG), WEATHER CAP, 6 PIN CONNECTOR, POSITIVE (+) 24VDC

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UNLESS OTHERWISE SPECIFIED
FRACTIONAL ± 1/32
DECIMAL .XXX ± .010
ANGULAR .XX ± .020
NOT TO SCALE

MATERIAL: NOTED
SPEC:FINISH: NOTED
SPEC:

DRAWN		
CHECKER		
MECH. ENGR.		
ELEC. ENGR.		
PROJ. ENGR.		
CHIEF ENGR.		

DUAL SWITCH
PART # CHART

DRAWING # ASTPNC-2

SCALE NTS

AST MICROWAVE
754 Fortune Crescent
Kingston, ON
K7P 2T3, Canada
613-384-3939

SHEET 1 OF 1

Coaxial Details			Driver Details			Voltage Details																	
<div>S SMA Connector</div> <div>N N Connector</div> <div>B BNC Connector</div> <div>T TNC Connector</div>			<div>Located on port 3 unless otherwise specified</div> <div>S Side Connector</div> <div>W Weather Cap</div> <div>19P 19 pin</div> <div>15P 15 pin</div> <div>12P 12 pin</div> <div>10P 10 pin</div> <div>6P 6 pin</div> <div>Special wiring See Wiring Diagrams</div>			<div>M Manual</div> <div>P Positive</div> <div>N Negative</div>																	
ASTC1N			-W6P			-P24																	
Frequency *			Coaxial Connector *			Option 1 (omit if not needed)			Option 2 (omit if not needed)			Connector option *			Option 3 (omit if not needed)			Voltage Option (omit for 115 & 220Vac) *			Voltage (omit for manual) *		
Code			1			2			3			4			5			6					
Connector			N,SMA,B,T			N,SMA,B,T			N,SMA,B,T			N,SMA,T			SMA only			SMA only					
Freq Range (GhZ)			DC - 2.0			1.0 - 3.0			3.5 - 4.2			5.85 - 8.2			10.7 - 14.5			17.0 - 18.4					

19P, 15P & 12P requires larger driver

EXAMPLE: ASTC1N-W6P-P24

COAXIAL SWITCH, FREQUENCY 1, WEATHER CAP, 6 PIN CONNECTOR, POSITIVE (+) 24VDC

* =MANDATORY

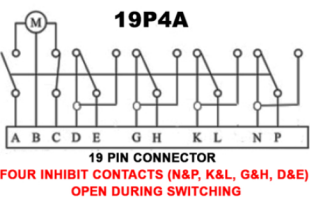
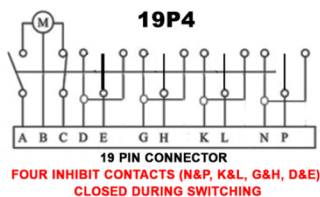
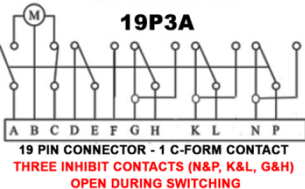
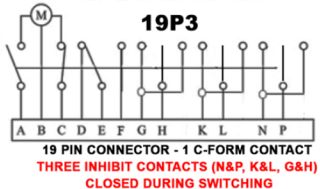
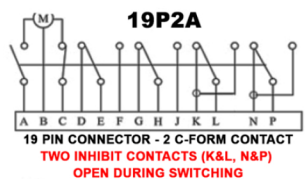
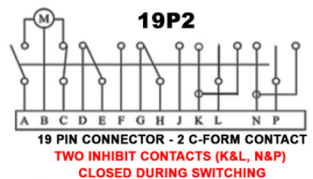
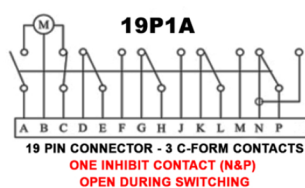
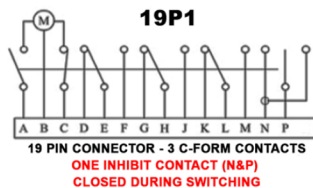
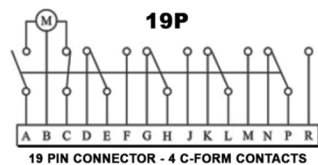
REVISIONS		APPROVALS			
SYM	DESCRIPTION	DATE	ENGRG	PROD	Q.A.

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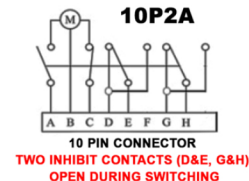
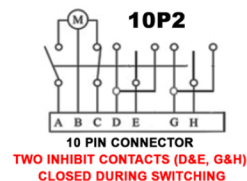
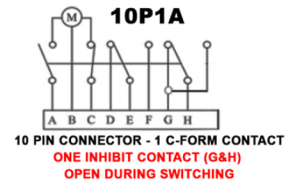
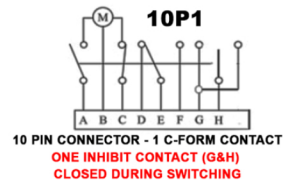
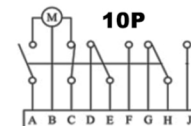
BREAK ALL CORNERS AND SHARP EDGES

UNLESS OTHERWISE SPECIFIED	DRAWN				
FRACTIONAL ± 1/32	CHECKER				
DECIMAL .XXX ± .010					
ANGULAR .XX ± .020					
NOT TO SCALE	MECH. ENGR.				
	ELEC. ENGR.				
MATERIAL: NOTED	PROJ. ENGR.				
SPEC:	CHIEF ENGR.				
FINISH: NOTED					
SPEC:					
COAXIAL SWITCH PART # CHART				AST MICROWAVE 754 Fortune Crescent Kingston, ON K7P 2T3, Canada 613-384-3939	
DRAWING # ASTPNC-3				SHEET 1 OF 1	
SCALE NTS					

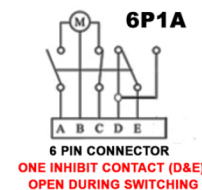
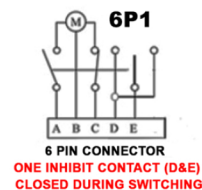
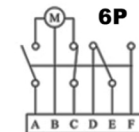
19 Pin Connector Wiring Options



10 Pin Connector Wiring Options



6 Pin Connector Wiring Options



All wiring diagrams listed above are our most common. please contact us for custom wiring

REVISIONS

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UNLESS OTHERWISE SPECIFIED	DRAWN	CHECKER	MECH. ENGR.	ELEC. ENGR.	PROJ. ENGR.	CHIEF ENGR.
FRACTIONAL $\pm 1/32$						
DECIMAL .XXX $\pm .010$						
ANGULAR .XX $\pm .020$						
ANGULAR $\pm 1/2^\circ$						
MATERIAL: NOTED SPEC:						
FINISH: NOTED SPEC:						

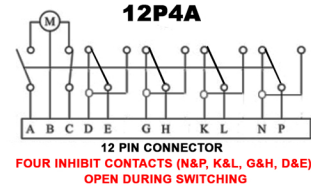
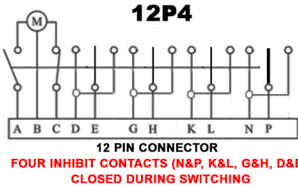
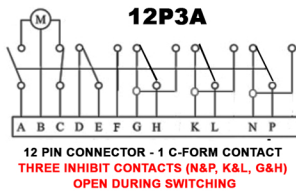
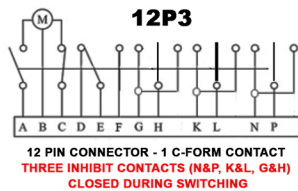
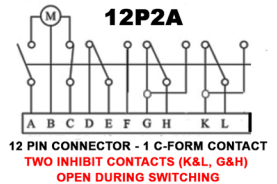
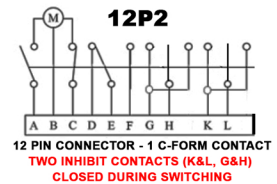
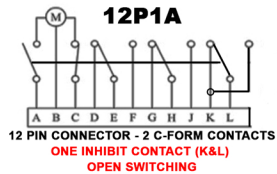
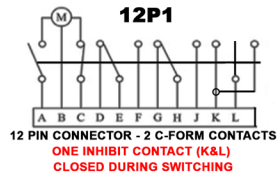
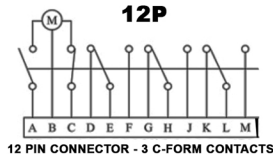
DRAWING #

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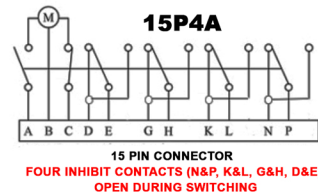
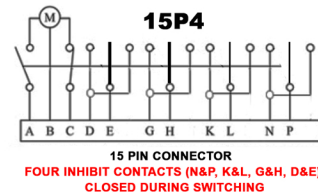
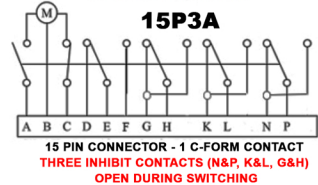
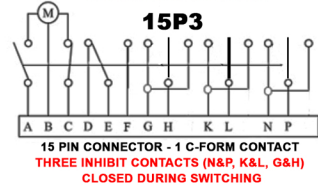
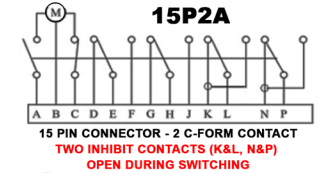
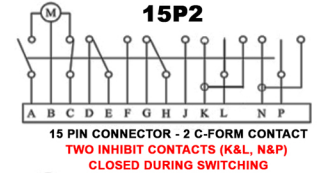
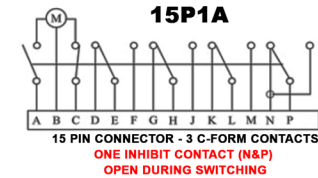
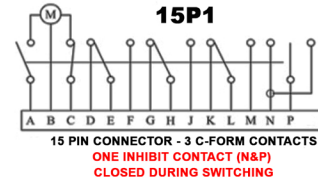
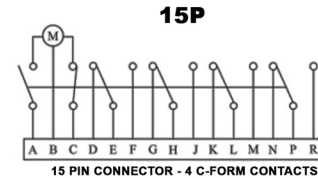
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SHEET 1 OF 1

12 Pin Connector Wiring Options



15 Pin Connector Wiring Options



All wiring diagrams listed above are our most common. please contact us for custom wiring

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FRACTIONAL $\pm 1/32$						
DECIMAL $\pm .010$						
ANGULAR $\pm .020$						
ANGULAR $\pm 1/2^\circ$						
MATERIAL: NOTED SPEC:						
FINISH: NOTED SPEC:						

DRAWING #	
SCALE NTS	

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