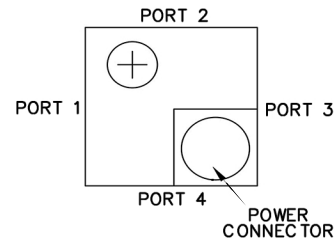
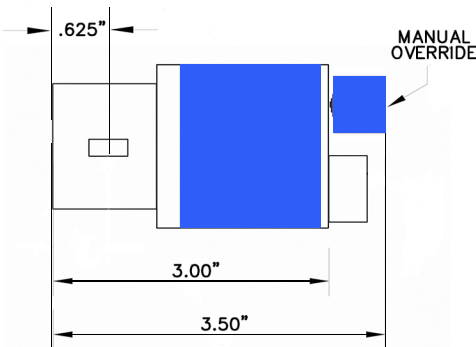
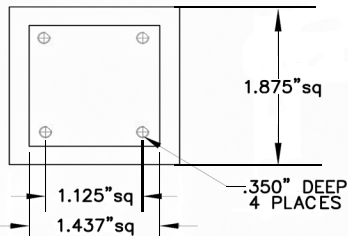


WAVEGUIDE

REVISIONS		APPROVALS			
SYM	DESCRIPTION	DATE	ENGRG	PROD	Q.A.



1.0 ELECTRICAL

- 1.1 OPERATING FREQUENCY: 22.0 - 33.0 GHZ (SELECT BANDS)
- 1.2 RETURN LOSS: -23DB MIN
- 1.3 ISOLATION: 55DB MIN
- 1.4 INSERTION LOSS: .15DB MAX
- 1.5 POWER HANDLING: 500W
- 1.6 DRIVING VOLTAGE: OPTIONAL
- 1.7 C-FORM CONTACTS: 2 IN STD UNIT
- 1.8 INHIBIT CONTACTS: OPTIONAL (OPEN BEFORE VSWR EXCEEDS 1.3:1)
- 1.9 SWITCHING TIME: 60 MSEC MAX
- 1.10 POWER CONNECTOR: PT02E12-10P-072 or PT02E10-6P-072

2.0 MECHANICAL

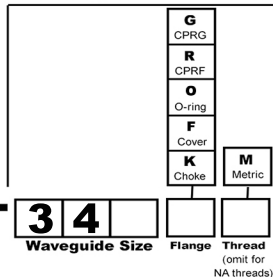
- 2.1 WAVEGUIDE SIZE: WR34
- 2.2 FLANGE: OPTIONAL
- 2.3 PRESSURE: 20 PSI (INCLUDING DRIVER)
- 2.4 MATERIAL: 80% ALUMINUM
- 2.5 FINISH: LUSTERON ON WAVEGUIDE, ANODIZE ON DRIVER
- 2.6 WEIGHT: .33 KG

3.0 ENVIRONMENTAL

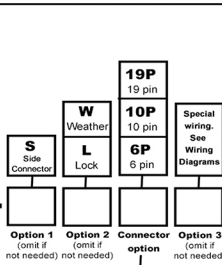
- 3.1 OPERATING TEMP: -40° TO +75° C
- 3.2 NON OPERATING TEMP: -50° TO +100° C
- 3.3 HUMIDITY: 100%
- 3.4 SHOCK & VIBRATION: STD SHIPPING

PROPRIETARY INFORMATION
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH SHALL NOT BE REPRODUCED, TRANSFERRED TO OTHER DOCUMENTS, DISCLOSED TO OTHERS, USED FOR MANUFACTURING OR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN PERMISSION FROM AST.

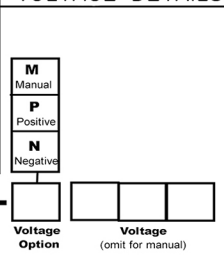
WAVEGUIDE DETAILS



DRIVER DETAILS



VOLTAGE DETAILS



AST

34

Waveguide Size

Flange

Thread

Metric

Option 1

Option 2

Connector

Option 3

Voltage

Option

Voltage

Option

(omit for manual)

(omit for NA threads)

(omit if not needed)

(omit if not needed)

(omit if not needed)

Note: 10P & 6P
Come with
miniature
drive head

BREAK ALL CORNERS AND SHARP EDGES

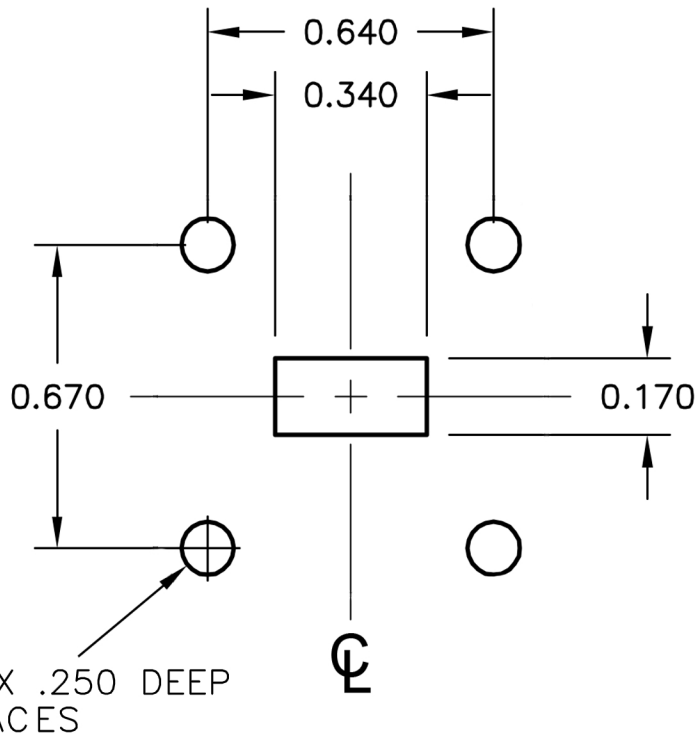
UNLESS OTHERWISE SPECIFIED	DRAWN	MC	05/21/2007
FRACTIONAL ± 1/32	CHECKER		
DECIMAL .xxx ± .010			
ANGULAR .XX ± .020	MECH. ENGR.		
ANGULAR .XX ± 1/2°	ELEC. ENGR.		
MATERIAL: NOTED	PROJ. ENGR.		
SPEC:	CHEF ENGR.		
FINISH: NOTED			
SPEC:			

WAVEGUIDE SWITCH
WR 34

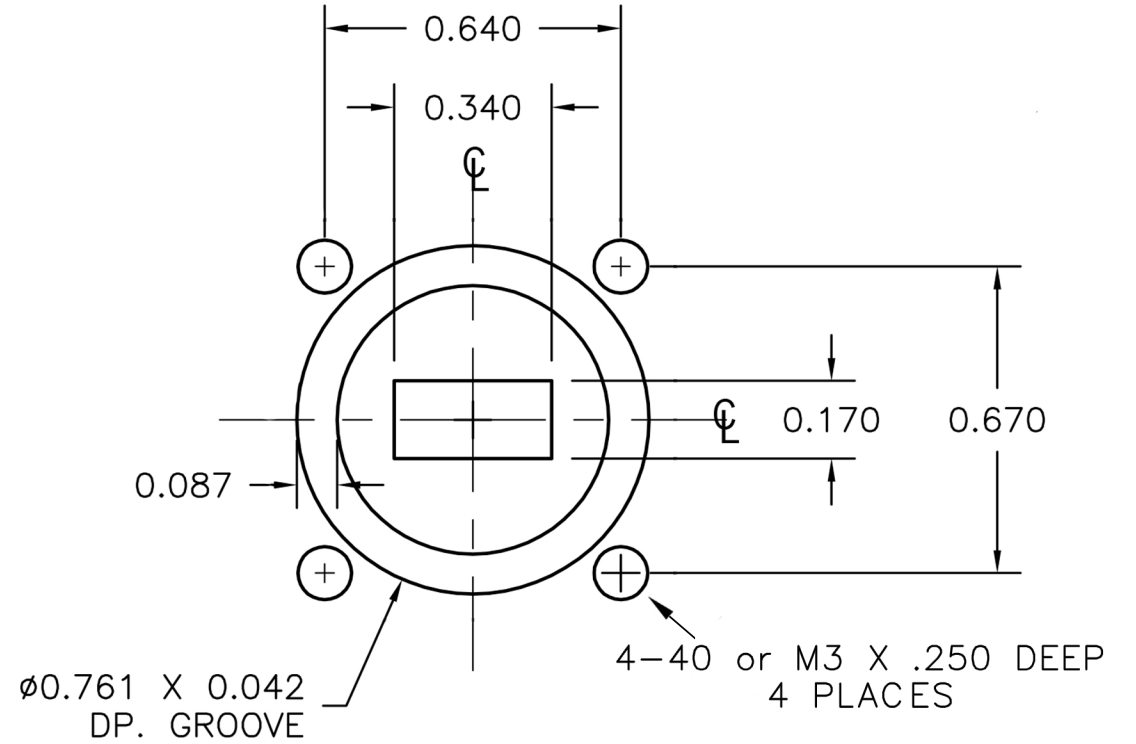


SCALE

SHEET 1 OF 1



WR34 COVER FLANGE (UGF or UBR)
 ORDER CODE: AST34F or AST34FM (METRIC)



WR34 GROOVED FLANGE (UGG or PBR)
 ORDER CODE: AST340 or AST340M (METRIC)

REVISIONS

APPROVALS

SYM	DESCRIPTION	DATE	ENGRG	PROD	Q.A.

PROPRIETARY INFORMATION
 THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH SHALL NOT BE REPRODUCED, TRANSFERRED TO OTHER DOCUMENTS, DISCLOSED TO OTHERS, USED FOR MANUFACTURING OR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN PERMISSION FROM AST.

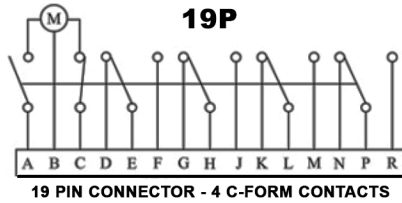
BREAK ALL CORNERS AND SHARP EDGES

UNLESS OTHERWISE SPECIFIED	DRAWN	MC	05/27/2017
FRACTIONAL ± 1/32	CHECKER		
DECIMAL .XXX ± .010	MECH. ENGR.		
.XX ± .020	ELEC. ENGR.		
ANGULAR ± 1/2°	PROJ. ENGR.		
	CHIEF ENGR.		
MATERIAL: NOTED SPEC:			
FINISH: NOTED SPEC:			

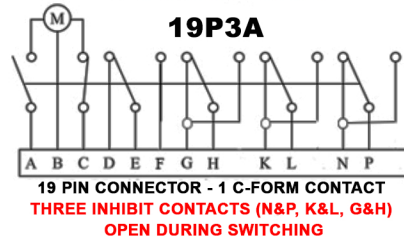
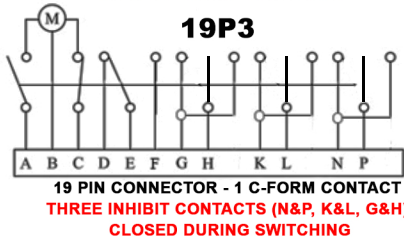
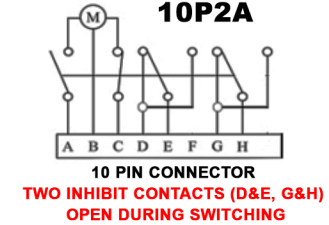
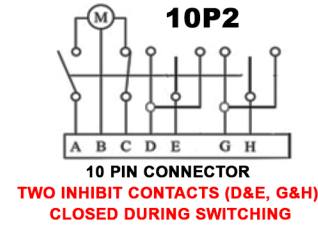
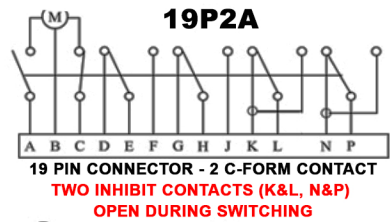
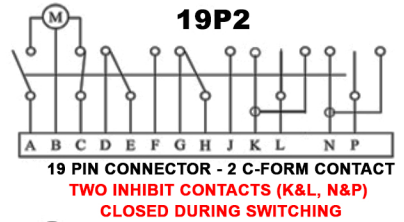
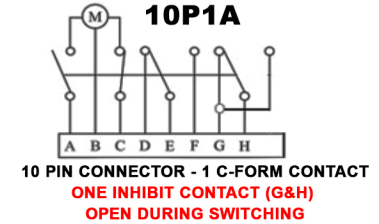
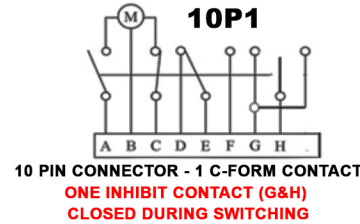
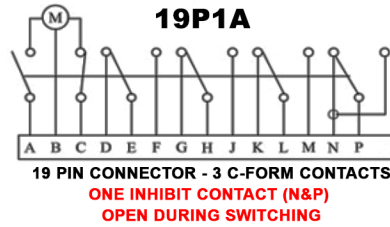
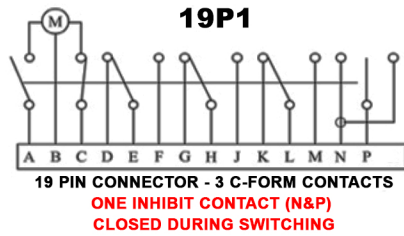
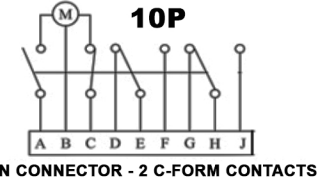
WR34 FLANGES		SCALE

AST MICROWAVE
SHEET 1 OF 1

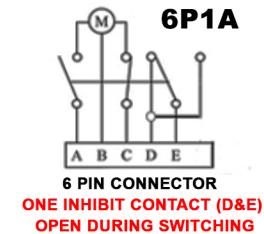
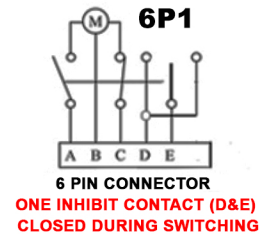
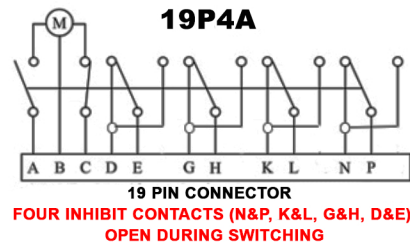
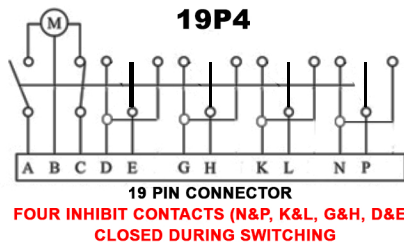
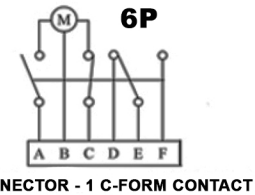
19 Pin Connector Wiring Options



10 Pin Connector Wiring Options



6 Pin Connector Wiring Options

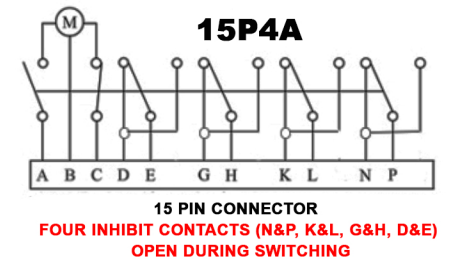
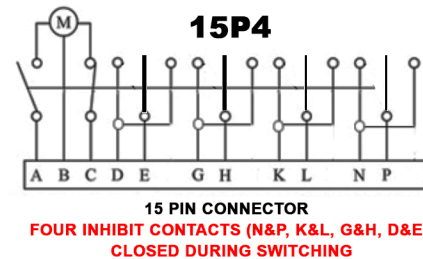
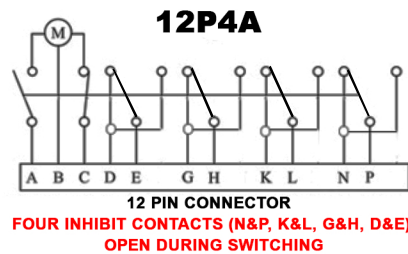
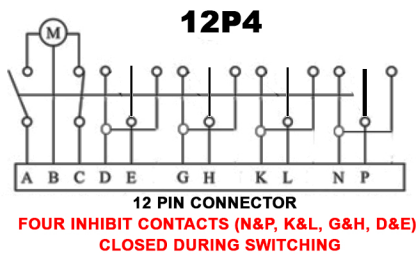
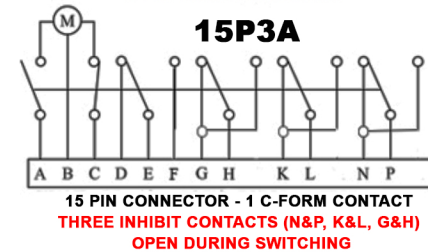
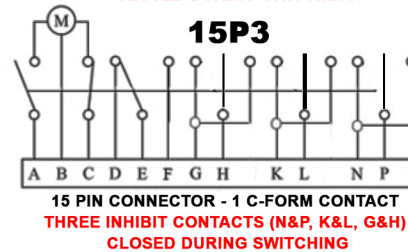
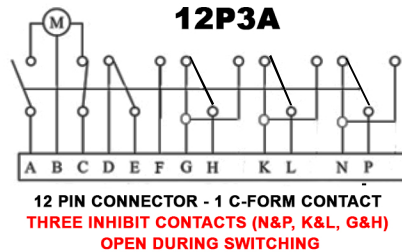
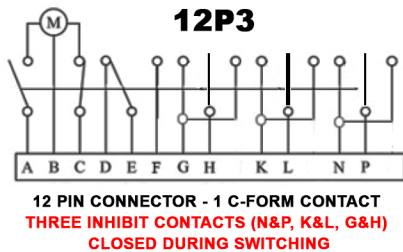
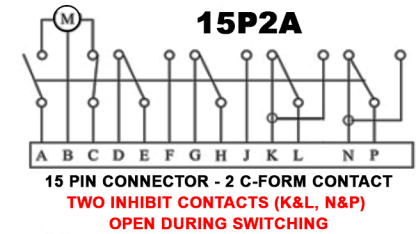
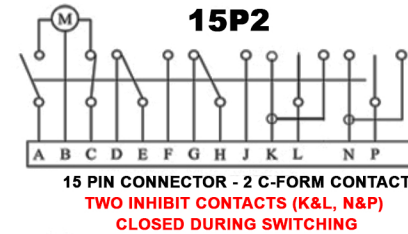
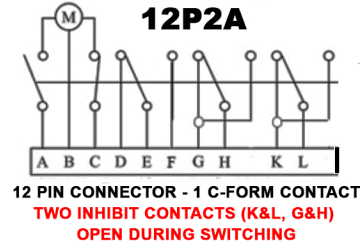
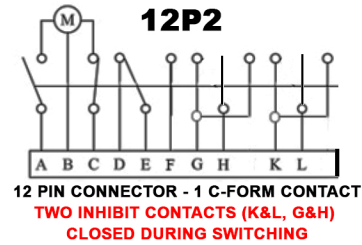
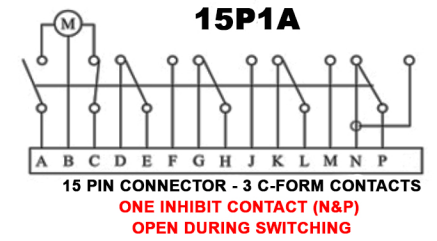
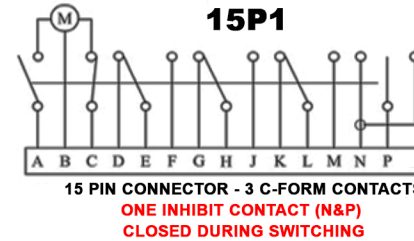
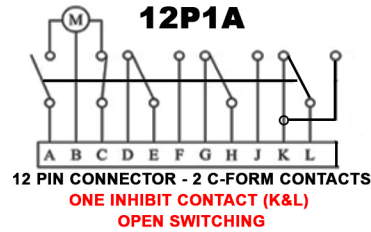
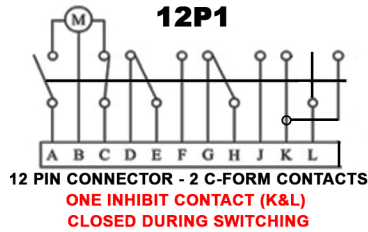
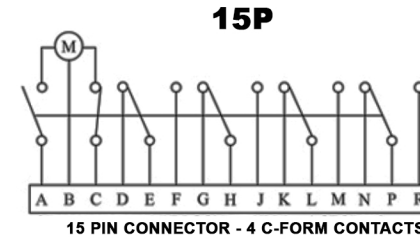
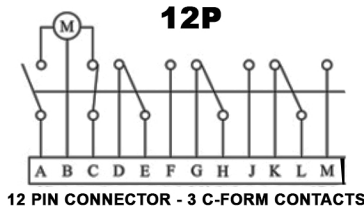


All wiring diagrams listed above are our most common. please contact us for custom wiring

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