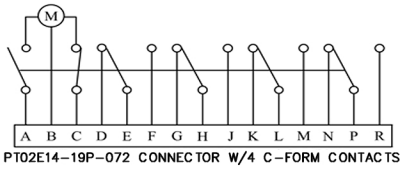
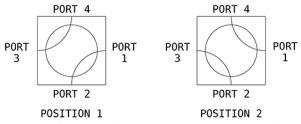
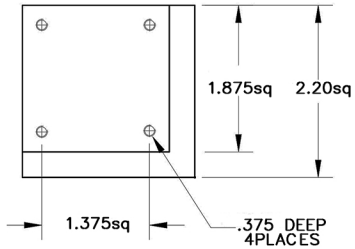


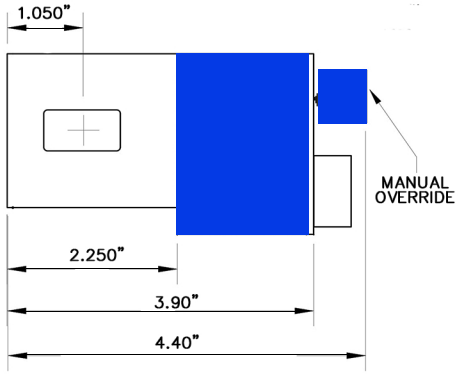
PT02E14-19P-072 CONNECTOR W/4 C-FORM CONTACTS

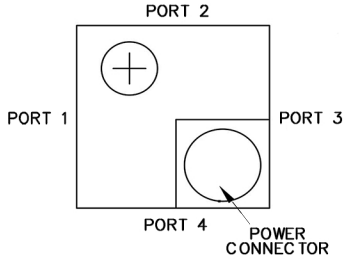


WAVEGUIDE

REVISIONS		APPROVALS			
SYM	DESCRIPTION	DATE	ENGRG	PROD	Q.A.



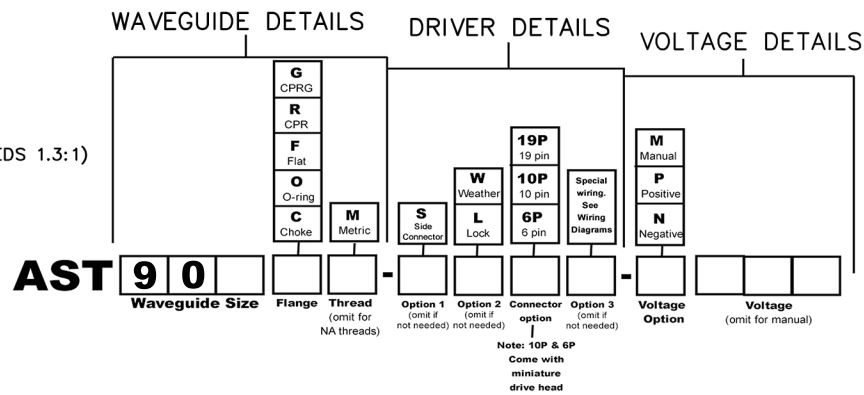




1.0 ELECTRICAL
1.1 OPERATING FREQUENCY: 8.2 – 12.4 GHZ
1.2 RETURN LOSS: –30DB MIN
1.3 ISOLATION: 70DB MIN
1.4 INSERTION LOSS: .05DB MAX
1.5 POWER HANDLING: 3.5KW CW
1.6 DRIVING VOLTAGE: OPTIONAL
1.7 C–FORM CONTACTS: 4 IN STD UNIT
1.8 INHIBIT CONTACTS: OPTIONAL (OPEN BEFORE VSWR EXCEEDS 1.3:1)
1.9 SWITCHING TIME: 80 MSEC MAX
1.10 POWER CONNECTOR: PT02E14–19P–072

2.0 MECHANICAL
2.1 WAVEGUIDE SIZE: WR90
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: .550 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



BREAK ALL CORNERS AND SHARP EDGES

UNLESS OTHERWISE SPECIFIED		DRAWN	MC	05/27/2017
FRACTIONAL ± 1/32 DECIMAL .XXX ± .010 .XX ± .020 ANGULAR ± 1/2°	DO NOT SCALE	CHECKER		
		MECH. ENGR.		
MATERIAL: NOTED SPEC:		ELEC. ENGR.		
		PROJ. ENGR.		
FINISH: NOTED SPEC:		CHIEF ENGR.		

PROPRIETARY INFORMATION
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WAVEGUIDE SWITCH
WR 90

SCALE

SHEET 1 OF 1

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