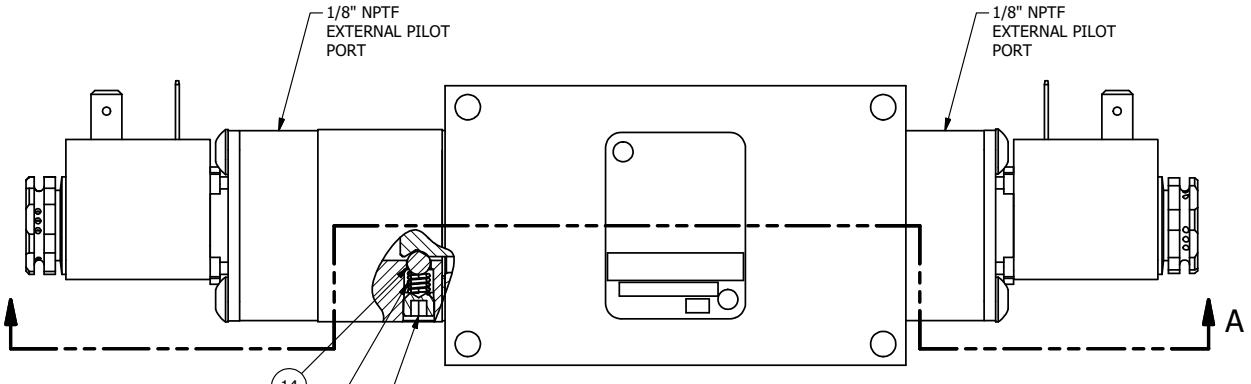
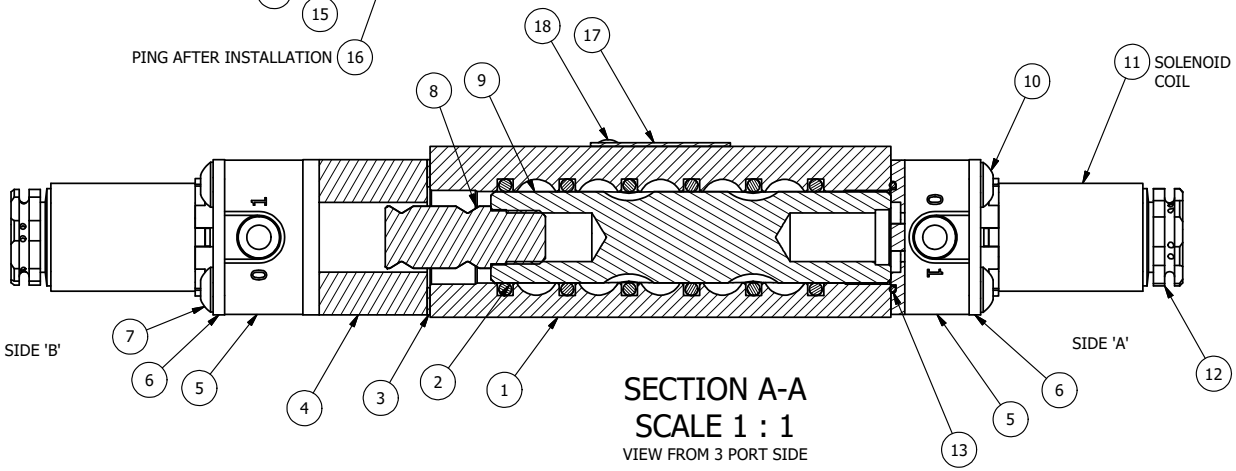
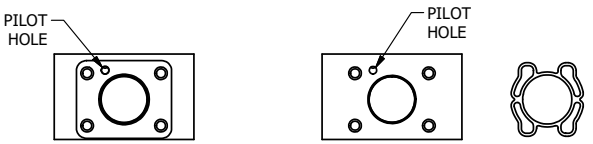




SECTION A-A
SCALE 1 : 1
VIEW FROM 3 PORT SIDE

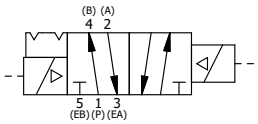


POSITION GASKET AND PEC3-18 ON END OF VALVE TO ALIGN PILOT HOLES (SIDE 'B' ONLY)

POSITION GASKET ON END OF VALVE BETWEEN BODY OR PEC3-18 AND SOLENOID OPERATOR BOTH SIDES (SIDE 'A' SHOWN)
ADAPTOR SHOULD BE INSTALLED AS SHOWN.
SUPPLY 50-150 PSI TO 1/8" NPTF PILOT PORT IN ADAPTOR.

NOTES:
1) ALWAYS GIVE VALVE MODEL AND PART NUMBER WHEN ORDERING PARTS.
2) LUBRICATE DETENT BALL, SPRING AND STUD.
3) FOR DIFFERENT VOLTAGES OTHER THAN 120/60, REPLACE SOLENOID COIL WITH COIL LISTED IN TABLE BELOW.

FLG	QTY	PART NO	DESCRIPTION
18	2	V-212	SCREW, #2 X 3/16 DRIVE, TYPE U, OVAL HEAD, STAINLESS STEEL
17	1	AN-114	NAMEPLATE, BLANK, FOR VALVES WITH SPRINGS OR DETENTS
16	1	V-21	SCREW, 1/4-20 X 3/16, SOCKET SET, CUP POINT
15	1	DS3	SPRING - DETENT, 1/4" & 3/8" VALVE
14	1	V-14	BALL, 3/16 DIA, GRADE 25, CHROME STEEL
13	2	EMG3	GASKET - END MOUNT SOLENOID, BUNA-N, 1/4" & 3/8" VALVES
12	2	V-562	NUT, SOLENOID, SIDE EXHAUST
11	2	V-551-1	THERMOPLASTIC ENCAPSULATED COIL 120V 50/60HZ, NASS P/N # 108-030-0455
10	4	V-584	SCREW, 10-24 X 1, BUTTON HEAD SOCKET CAP, W/ND 593 BLUE MICROSPHERES
9	1	S3R	SPOOL - SOLID, STANDARD, 2 POS, CLSD CTR, 1/4" & 3/8" VALVE
8	1	PBS3-13	STUD - POS. A & C. DETENT, SOLENOID OPERATOR, STAINLESS, 1/4" & 3/8" VALVE
7	4	V-585	SCREW, 10-24 X 2-1/8, BUTTON HEAD SOCKET CAP
6	2	SEC3-7	PLATE, RE-INFORCEMENT, SOLENOID, STAMPED, 304 STAINLESS
5	2	V-550-1	SOL OPER, END MOUNT, NON-LOCKING O'RIDE
4	1	PEC3-18	ENDCAP, SPACER, DETENT, SOLENOID, 6061-T6, 1/4" & 3/8" VALVES
3	1	BG3	GASKET - END CAP, 1/4" & 3/8" VALVE
2	6	V-39	O-RING, VITON, STD BODY, 1/4" & 3/8" VALVES
1	1	B2-1E	BODY - SOLID, BUTTON BLEEDER, ANODIZED, 1/4" SIDE PORT VALVE



COIL VOLTAGES	
PART NO	REPLACE COIL
ESS2CQZ 12VDC	V-551-2
ESS2CQZ 24VDC	V-551-3
ESS2CQZ 240/60	V-551-4

LIMITS ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	2-PL DECIMAL ± .01 3-PL DECIMAL ± .005 FRACTIONAL ± 1/64 ANGULAR ± 1/2'	AAA PRODUCTS INTERNATIONAL	**AAA PRODUCTS INTERNATIONAL** **7114 Harry Hines Blvd** **Dallas, TX 75235**
DRAWN: RMcKenna	DATE: 9/30/2026	CHECKED: KWaite	DATE: 9/30/2026
SCALE: 1 : 1	SHEET: 1 OF 1	RELEASED: HWomack	DATE: 9/30/2026
TITLE: 1/4" SIDE PORT, DBL SOL, 2 POS, SOL RTRN, 120/60, SIDE VENT, DETENT, EXT PILOT		PART NO.: ESS2CQZ	REV.:

THE INFORMATION CONTAINED WITHIN THIS DOCUMENT IS PROPRIETARY TO AAA PRODUCTS AND MAY NOT BE DISCLOSED WITHOUT PRIOR WRITTEN CONSENT

D:\Engineering\Product\Valves\Assembly\standard\ESS\DWG\ESS2CQZ.drw