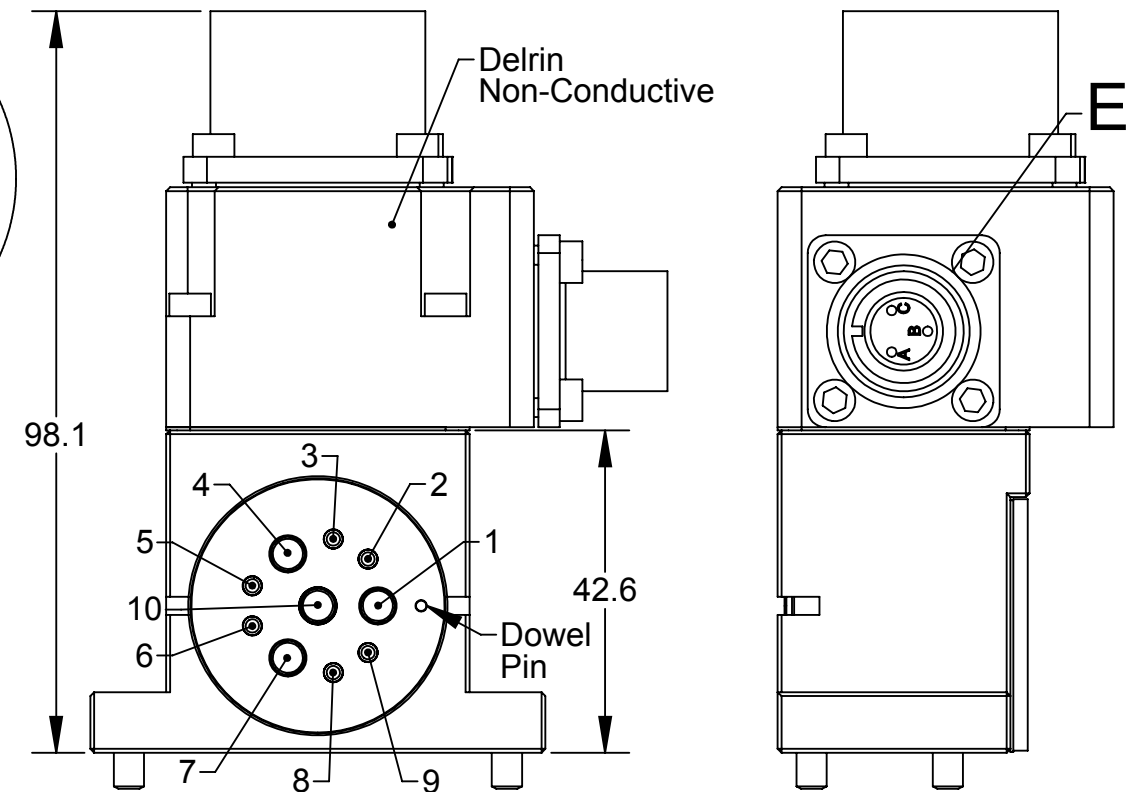
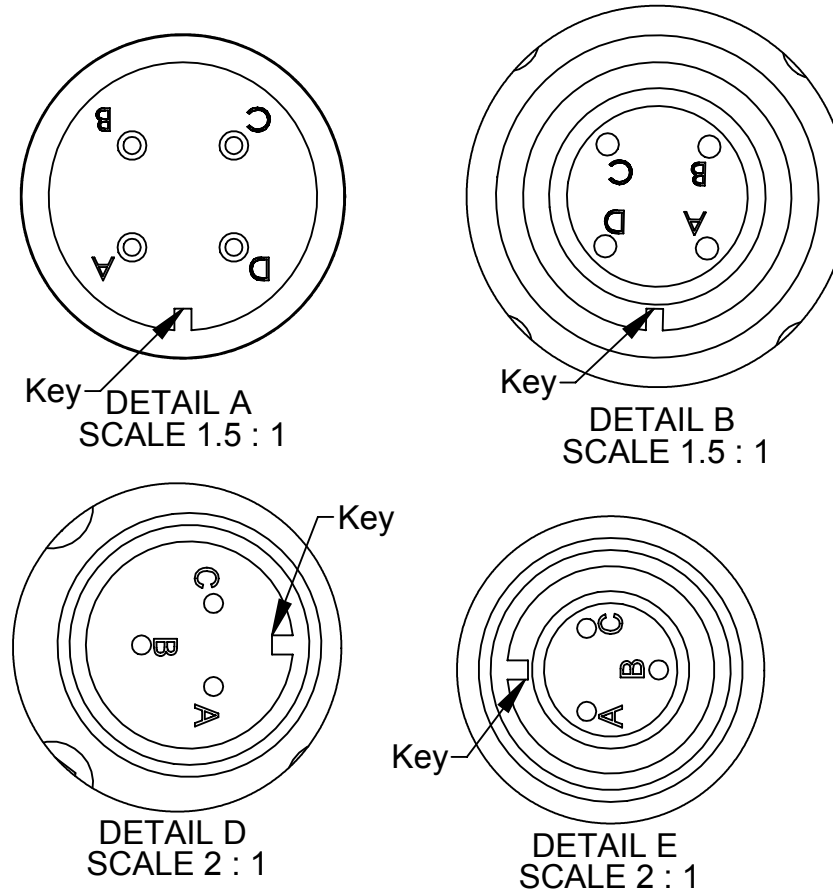
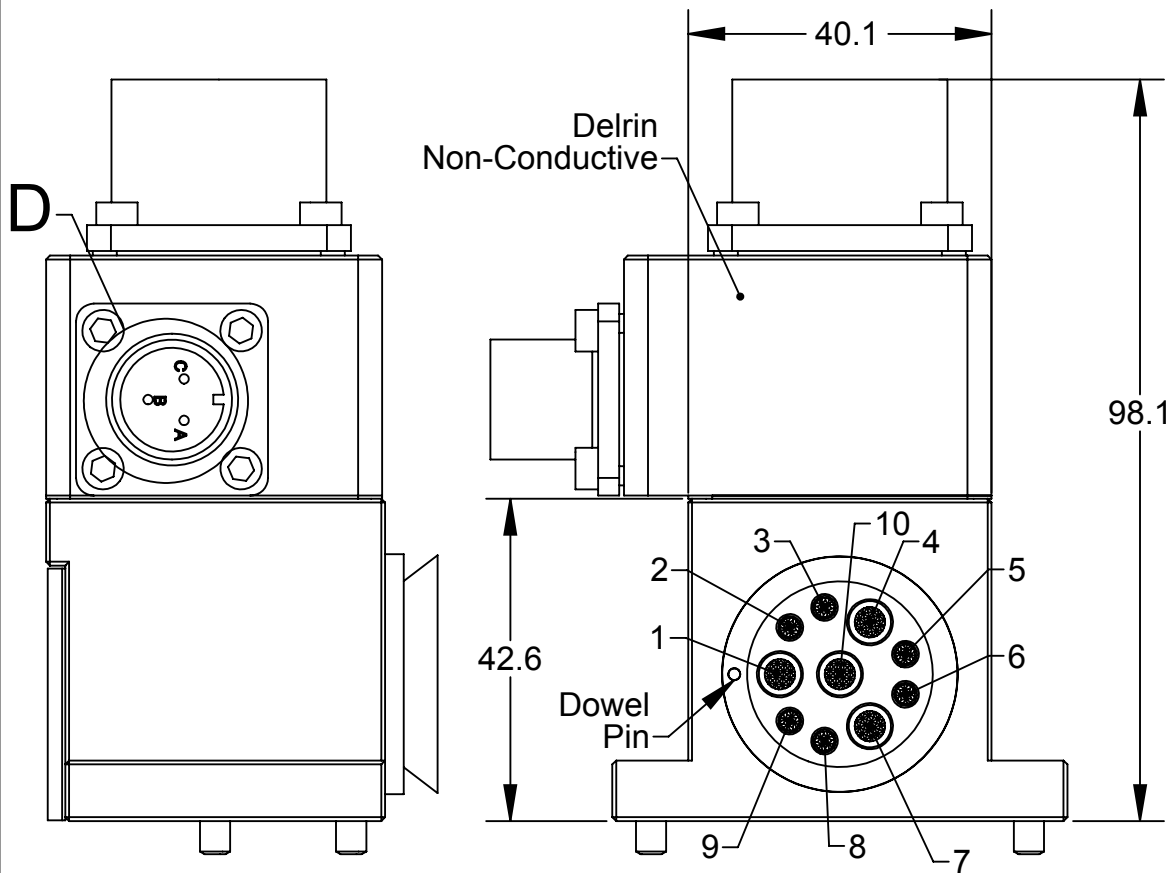
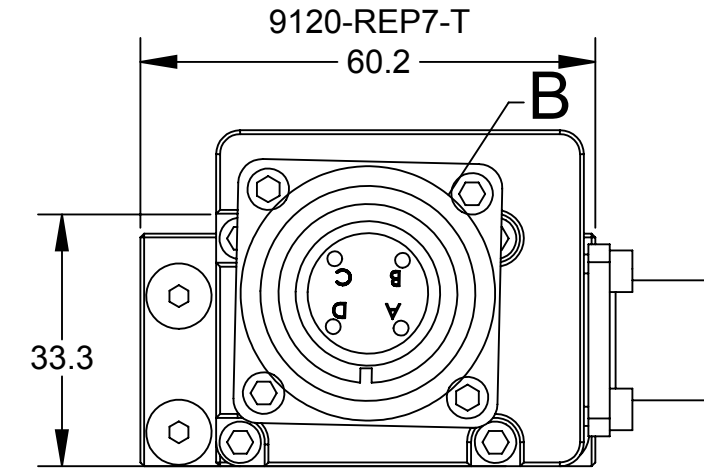
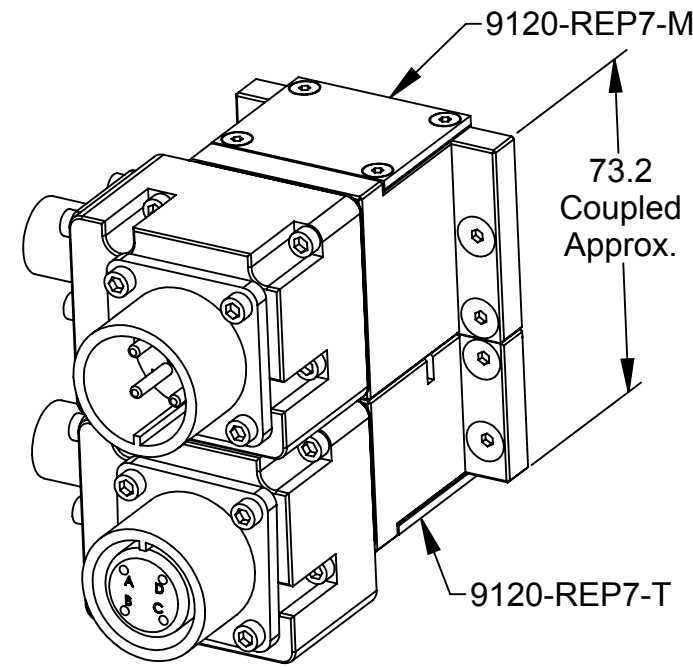
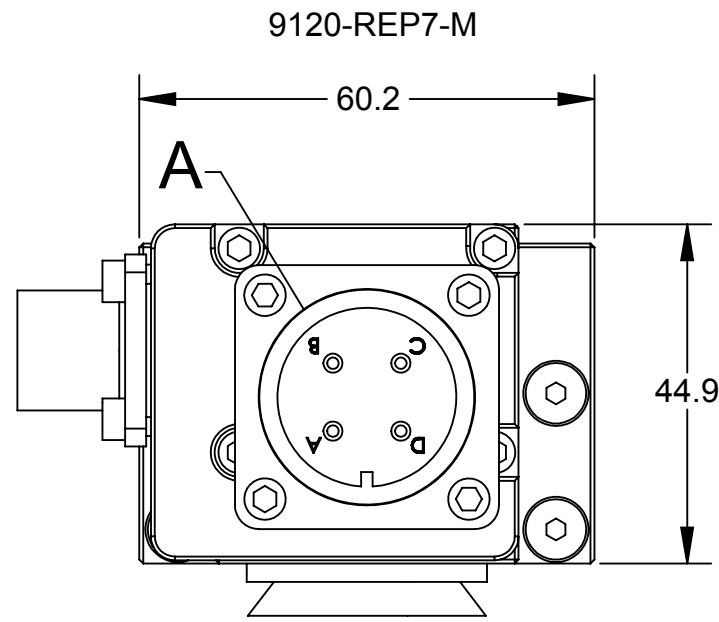


Rev.	Description	Initiator	Date
01P	Initial Design	AP	08/03/12
02	Project Release	AP	12/17/2012

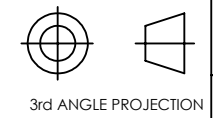


Notes:

- The Ground is passed from Master to Tool via Pin 10 of the 10-Pin Pin Block, which is first-to-mate last-to brake when toolchanger couples.
- The REP7 Module pins 1,4,7,10 are rated for 13A maximum current, 500VAC/700VDC maximum voltage and pins 2,3,5,6,8,9 are rated for 5A maximum current, 250VAC maximum voltage.
- DANGER!** - For electrical modules using > 60 VDC or 42 VAC, NO contact should be attempted before removing power. This especially includes separation or insertion of the mating connectors or any contact with the tool changer or its components.

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.

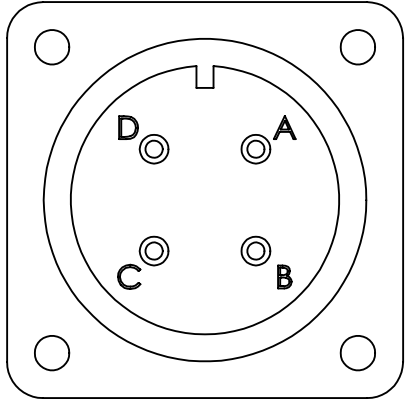


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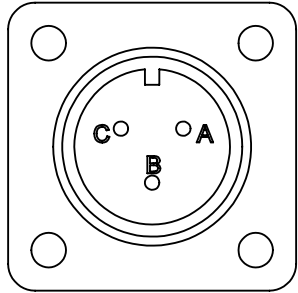
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DRAWN BY: A Pongor 08/03/12		TITLE	
CHECKED BY: P Luczka 08/12/12 B Herderson 08/23/12		REP7 Servo Power Module Assembly and Wiring	
PROJECT # 120730-2	SHEET 1 OF 2	SCALE 1:1	SIZE B
		DRAWING NUMBER 9630-20-REP7	REVISION 02

Rev.	Description	Initiator	Date
01P	Initial Design	AP	08/03/12

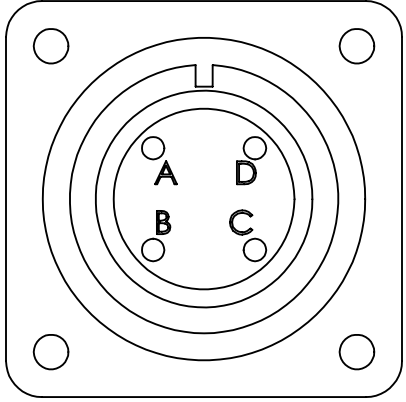
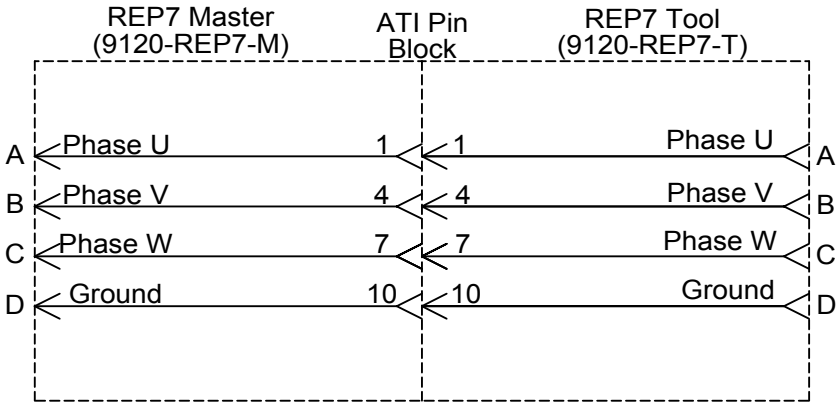


Servo Power
4-Pin Male Receptacle
Amphenol
MS3102A-18-10P

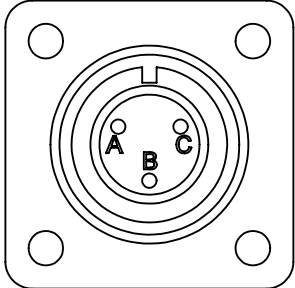
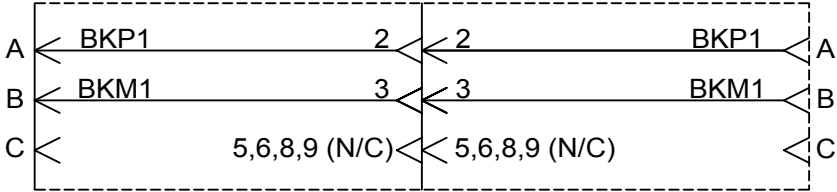


Servo Brake
3-Pin Male Receptacle
Amphenol
MS3102E-10SL-3P

ELECTRICAL SCHEMATIC



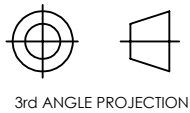
Servo Power
4-Pin Female Receptacle
Amphenol
MS3102A-18-10S



Servo Brake
3-Pin Female Receptacle
Amphenol
MS3102E-10SL-3S

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DRAWN BY: A Pongor 08/03/12		TITLE	
CHECKED BY: P Luczka 08/12/12 B Hernderson 08/23/12		REP7 Servo Power Module Assembly and Wiring	
PROJECT #	120730-2 SHEET 2 OF 2	SCALE	1:1
SIZE	B	DRAWING NUMBER	9630-20-REP7
			REVISION
			02