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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	E1	REVISED PER ECR-17-008392	29JUN2017	BW	KR

Technical drawings of the valve connector housing. The front view shows a 5-pin connector with dimensions: 5.80 (width between top pins), 2.90 (width between middle pins), 11.30 (height from top to middle pins), 5.65 (height from middle to bottom pins), 17.90 (total height), 12.40 (width), and R 3.30 4 PLC (fillet radius). The side view shows a total width of 21.70 and a depth of 8.40. A detail view shows a depth of 3.40 and a diameter of  $\varnothing 4.80$ . A cut-out view shows a width of 12.50, a height of 3.80, and a typical depth of 1.50. A bottom view shows a width of 12.70 and a height of 18.20, with a fillet radius of R 2.80  $\pm 0.20$  4 PLC.

Top view of the connector housing showing a visual polarizing feature symbol (a triangle with the number 4 inside) pointing to the top pins. Dimensions include a width of 7.10 and a depth of 3.40.

1. ACCEPTS MATE-N-LOK™ SOCKET 350217.
2. SOCKETS PROTRUDE 0.20 MAX AT MATING END; RECESSED 3.90 MIN. AT BACK END.
3. CAUTION: THIS CONNECTOR IS NOT POLARIZED. IT HAS BEEN DESIGNED IN ACCORDANCE WITH THE INTERNATIONAL ORGANIZATION FOR STANDARDIZATION DESIGN DEPICTED IN DOCUMENT 5599/III DATED 4-27-77 UNDER RESOLUTION 59 OF ISO/TC 131/SC5/WG 3. INTENDED USE IS AS SHOWN IN FIGURE 1-1.
4. VISUAL POLARIZING FEATURE.
5. DIMENSIONS SHOWN REPRESENT PRODUCT IN DRY, AS MOLDED, CONDITION. ADDITIONAL 2% GROWTH DUE TO SUBSEQUENT MOISTURE ABSORPTION MAY OCCUR AND SHOULD BE ACCOUNTED FOR.

Circuit diagram showing the connection of two solenoids to the connector pins. SOLENOID 1 is connected to pins 1 and 2, and SOLENOID 2 is connected to pins 3 and 4. Pin 5 is grounded.

FIGURE 1 - 1

3D perspective view of the socket housing cut out, showing its cylindrical shape and the four pins protruding from the top.

THIS HOUSING TO BE INSTALLED IN VALVE BODY

SOCKET HOUSING CUT OUT

1-640406-0  
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN K. WHITAKER 11-24-92			NAME	
DIMENSIONS: mm[INCHES]		CHK R. SWING 11-24-92			VALVE CONNECTOR, SOCKET HOUSING, 5 CIRCUIT, UNIVERSAL MATE-N-LOK™	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. SELF 12-11-92	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
0 PLC ± -	1 PLC ± -	PRODUCT SPEC	A2	00779	C-640406	-
2 PLC ± 0.10	3 PLC ± -	APPLICATION SPEC	SCALE	SHEET	1 OF 1	REV
4 PLC ± -	ANGLES ± -	WEIGHT 0.000000	4:1	1	E1	
FINISH -	MATERIAL NYLON UL 94V-2 NATURAL	CUSTOMER DRAWING				

CUSTOMER DRAWING

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