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RELEASED FOR PUBLICATION

2013

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LOC	DIST
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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
B		REVISED PER E.O. P16453	17DEC1999	-	RDR
C		REVISED PER E.O. P17740	26APR2002	-	RDR
D		REVISED PER E.O. P21133	29SEP2011	-	RDR
D1		REVISED PER ECO-14-002953	29JAN2014	PV	DM

$1.632 \pm .025$
 $[41.46 \pm 0.63]$

$\varnothing 1.590 \pm .025$
 $[40.39 \pm 0.63]$

MAIN POLARIZING RIB
 WELD RING
 PLUG HOUSING
 THREAD
 1.375-18 UNEF-2A REF

REDUCED DIAMETER OF WIRE SEAL
 9 PLACES
 GROMMET
 9X SIZE 16

5. MATERIAL:
 PLUG HOUSING AND WELD RING: PA 15%GF (BLACK)
 GROMMET: SILICONE (RED)

4. OVERALL DIMENSION DOES NOT INCLUDE RUBBER GROMMET.

3. THIS PLUG MATES WITH FOLLOWING RECEPTACLES (X = SEAL TYPE, XXXX = ALL MODIFICATIONS).
 HD10-9-1939PX-XXXX
 HD14-9-1939PX-XXXX

2. SEE DRAWING 0425-015-0000 FOR CONTACT AND WIRE PERFORMANCE AND APPLICATION CHARACTERISTICS.

1. SEE TABLE FOR USABLE WIRE RANGE AND INSULATION RANGE

CONTACT SIZE	MINIMUM O.D.	MAXIMUM O.D.	WIRE RANGE [mm ²]
16	.053 [1.35]	.120 [3.05]	14-20 AWG [2.0-.50]

NOTES:

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. NORRIS 11SEP1996														
DIMENSIONS: INCHES [mm]		CHK I. GRANTCHAROVA 18SEP2013														
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. MEYER 19SEP2013	NAME PLUG CONNECTOR HD10 SERIES ARR. 9-1939 E SEAL COLOR: BLACK													
<table border="1"> <tr> <td>0 PLC</td> <td>±</td> </tr> <tr> <td>1 PLC</td> <td>±</td> </tr> <tr> <td>2 PLC</td> <td>±</td> </tr> <tr> <td>3 PLC</td> <td>±.025</td> </tr> <tr> <td>4 PLC</td> <td>±</td> </tr> <tr> <td>ANGLES</td> <td>±0° 30' 0"</td> </tr> </table>		0 PLC	±	1 PLC	±	2 PLC	±	3 PLC	±.025	4 PLC	±	ANGLES	±0° 30' 0"	PRODUCT SPEC -	RESTRICTED TO -	
0 PLC	±															
1 PLC	±															
2 PLC	±															
3 PLC	±.025															
4 PLC	±															
ANGLES	±0° 30' 0"															
MATERIAL 5		FINISH -	APPLICATION SPEC -	SIZE A3												
		WEIGHT 37.50 (g)	CAGE CODE 00779	DRAWING NO HD16-9-1939SE												
		Customer Drawing	SCALE 1:1	SHEET 1 OF 1												
				REV D1												

1470-19 (3/11)