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RELEASED FOR PUBLICATION

2013

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LOC -

DIST -

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 |

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

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

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="0"> <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 - | SIZE A3 | CAGE CODE 00779 |
| 0 PLC | ± | | | | | | | | | | | | | | | |
| 1 PLC | ± | | | | | | | | | | | | | | | |
| 2 PLC | ± | | | | | | | | | | | | | | | |
| 3 PLC | ±.025 | | | | | | | | | | | | | | | |
| 4 PLC | ± | | | | | | | | | | | | | | | |
| ANGLES | ±0° 30' 0" | | | | | | | | | | | | | | | |
| MATERIAL 5 | | FINISH - | APPLICATION SPEC - | DRAWING NO HD16-9-1939SE | | | | | | | | | | | | |
| | | WEIGHT 37.50 (g) | RESTRICTED TO - | | | | | | | | | | | | | |
| | | Customer Drawing | SCALE 1:1 | SHEET 1 OF 1 | | | | | | | | | | | | |
| | | | REV D1 | | | | | | | | | | | | | |

1470-19 (3/11)