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LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN	APVD	
-	-	D	REVISED AND REDRAWN PER E.O. P15773	12OCT1998	-	RDR
		E	REVISED PER E.O. P16237	22SEP1999	-	RDR
		F	REVISED PER E.O. P21133	29SEP2011	-	RDR
		F1	REVISED PER ECO-14-002953	29JAN2014	PV	DM

Technical drawing of a plug connector showing front, side, and rear views with dimensions and callouts.

- Front view: Shows 16 contacts arranged in a circular pattern.
- Side view: Shows the plug housing, weld ring, and main polarizing rib. Dimensions include:
 - Overall length: $1.609 \pm .025$ [40.88 ± 0.63]
 - Outer diameter: $\varnothing 1.588 \pm .025$ [40.35 ± 0.63]
- Rear view: Shows the grommet and 9x size 16 contacts. Callouts include: MAIN POLARIZING RIB, WELD RING, GROMMET, and PLUG HOUSING.

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

4. OVERALL DIMENSION DOES NOT INCLUDE RUBBER GROMMET.

3. THIS PLUG MATES WITH FOLLOWING
 (X=SEAL TYPE, XXXX= ALL MODIFICATIONS).
 HD16-9-16PX-XXXX
 HD14-9-16PX-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] 2
16	.100 [2.54]	.150 [3.81]	14-20 AWG [2.0-.50]

NOTES:

3D VIEW

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. OCHOA 2SEP1998		
DIMENSIONS: INCHES [mm]		CHK I. GRANTCHAROVA 18SEP2013		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. MEYER 19SEP2013	NAME PLUG CONNECTOR HD10 SERIES ARR. 9-16 COLOR: GREY	
		PRODUCT SPEC -	SIZE A3 CAGE CODE 00779 DRAWING NO. HD16-9-16S RESTRICTED TO -	
MATERIAL 5		APPLICATION SPEC -	WEIGHT 33.45 (g)	
FINISH -		Customer Drawing SCALE 1:1 SHEET 1 OF 1 REV F1		

1470-19 (3/11)