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LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN	APVD	
-	-	C1	REVISED PER ECO-14-002953	29JAN2014	PV	DM
-	-	C2	REVISED PER ECO-16-016568	20OCT2016	KR	DM

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

- Front view: Shows 6 contacts labeled A, B, C, D, E, F. Dimensions:  $\text{Ø} 1.453 \pm .025$  [36.91 ± 0.63].
- Side view: Shows the main polarizing rib, weld ring, and thread. Dimensions:  $1.599 \pm .025$  [40.61 ± 0.63]. Thread: 1.3125-18 UNEF-2A.
- Rear view: Shows the grommet and 6x size 12 contacts. Dimensions:  $\text{Ø} 1.453 \pm .025$  [36.91 ± 0.63].

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 RECEPTACLE  
(X=SEAL TYPE, XXXX= ALL MODIFICATIONS).  
HD10-6-12PX-XXXX  
HD14-6-12PX-XXXX

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

### 3D VIEW

1. SEE TABLE FOR USABLE WIRE RANGE AND INSULATION RANGE.

CONTACT SIZE	MINIMUM O.D.	MAXIMUM O.D.	WIRE RANGE [mm <sup>2</sup> ] 2
12	.134 [3.40]	.170 [4.31]	10-14 AWG [6.0-2.0mm <sup>2</sup> ]

NOTES:

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. OCHOA 9AUG1999	TE INTERNAL PN		DEUTSCH PN	
DIMENSIONS: INCHES [mm]		CHK I. GRANTCHAROVA 18SEP2013	HD16-6-12S-B010		HD16-6-12S-B010	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. MEYER 19SEP2013				
0 PLC ±		PRODUCT SPEC -				
1 PLC ±		APPLICATION SPEC -	NAME PLUG CONNECTOR			
2 PLC ±		WEIGHT 30.40 (g)	HD10 SERIES 6-12S			
3 PLC ±.025 [0.64]		Customer Drawing	ARRANGEMENT COLOR: GREY			
4 PLC ±		SCALE 1:1	SIZE A3		CAGE CODE 4AFU8	
ANGLES ±		SHEET 1 OF 1	DRAWING NO. HD16-6-12S-B010		RESTRICTED TO -	
FINISH -		REV C2				

1470-19 (3/11)