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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].
- Rear view: Shows the grommet and 6x size 12 contacts. Dimensions: $\text{Ø} 1.453 \pm .025$ [36.91 ± 0.63].

Callouts: 4 (Main Polarizing Rib), 5 (Weld Ring), 5 (Grommet), 5 (Plug Housing), 5 (Thread).

Thread: 1.3125-18 UNEF-2A

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 ²] 2
12	.134 [3.40]	.170 [4.31]	10-14 AWG [6.0-2.0mm ²]

NOTES:

TE INTERNAL PN		DEUTSCH PN	
HD16-6-12S-B010		HD16-6-12S-B010	

THIS DRAWING IS A CONTROLLED DOCUMENT.

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TE Connectivity

NAME: PLUG CONNECTOR
HD10 SERIES 6-12S
ARRANGEMENT COLOR: GREY

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	4AFU8	HD16-6-12S-B010	-

Customer Drawing

SCALE: 1:1 SHEET 1 OF 1 REV C2

1470-19 (3/11)

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