

4

3

2

1

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RELEASED FOR PUBLICATION

2013

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LOC

DIST

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	NC	NEW RELEASE PER E.O. P21126	8NOV2011	IG	RDR
	A	REVISED PER ECO-14-002953	11FEB2014	PV	DM
	A1	REVISED PER ECO-15-002653		JA	DM

SEAL TYPE	CONTACT SIZE	MIN INSUL O.D. [mm]	MAX INSUL O.D. [mm]	WIRE RANGE [mm ²] REF ONLY
N	16	.100 [2.54]	.150 [3.81]	14-20 AWG [2.0-.50]
E	16	.053 [1.35]	.120 [3.05]	14-20 AWG [2.0-.50]

1.636±.025 [41.57±0.63]

2

Ø 1.595 [40.51]

3

WELD RING 3

3

PLUG HOUSING 3

3

THREAD 1.375-18 UNEF-2A

3

3

GROMMET

3

MAIN POLARIZING RIB

DEUTSCH

9X SIZE 16

801

HD17-9-1939SX-P080

MAIN POLARIZING RIB

SCALE 1:1

4. P080 MODIFICATION: SAE J1939-13, TYPE 2.

3 MATERIAL: PLUG HOUSING: PA66 GF15 (GREEN)
WELD RING: PA66 GF15 (GREEN)
GROMMET: SILICONE (ORANGE-RED)

2 OVERALL DIMENSION DOES NOT INCLUDE RUBBER GROMMET.

1. THIS PLUG MATES WITH FOLLOWING RECEPTACLES:
HD10-9-1939PX
HD10-9-1939PX-B022
HD10-9-1939PX-BP03
HD10-9-1939PX-P080
HD14-9-1939PX
HD14-9-1939PX-P080
X = SEAL TYPE (N,E)

TE INTERNAL PN	DEUTSCH PN
HD17-9-1939S-P080	HD17-9-1939S-P080
HD17-9-1939SE-P080	HD17-9-1939SE-P080

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES [mm]

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

±

±

±

±

±

±

±.015 [0.38]

±

±0° 30' 0"

FINISH

N/A

MATERIAL

3

DWN 10AUG2011
I. GRANTCHAROVA

CHK 17SEP2013
I. GRANTCHAROVA

APVD 19SEP2013
D. MEYER

PRODUCT SPEC
0425-015-0000

APPLICATION SPEC
0425-015-0000

WEIGHT
39.0g

Customer Drawing

TE TE Connectivity

NAME
PLUG CONNECTOR
1939 ARRANGEMENT, -P080 MOD
HD10 SERIES

SIZE
A3

CAGE CODE
4AFU8

DRAWING NO
HD17-9-1939SX-P080

RESTRICTED TO
-

SCALE
2:1

SHEET
1

OF
1

REV
A1

1470-19 (3/11)