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2015

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LOC

DIST

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	NC	NEW RELEASE PER E.O. P19882	14AUG2008	JA	RDR
	A	REVISED PER E.O. P20166	30MAR2009	JA	RDR
	B	REVISED PER ECO-15-007451	30JUN2015	JA	DM

2.018
[51.26]

DATE CODE

40
34
28
22
18
12
6

DEUTSCH INDUSTRIAL

1
7
13
19
23
29
35

M4 HEX

4 2X

6

2.001
[50.83]

DEUTSCH I.P.D.

AEC 14-40P (A)

DATE CODE

1
2
3
4
5
6
7
8
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10
11
12

5

KEY

5

DATE CODE

.150
[3.81]

.057
[1.45]

.100 [2.54]

4
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36
37

M5 X 0.8-6G
RETAINING BOLT

OPTIONAL MOLD
GATE LOCATION

2.068
[52.53]

MIN. INSUL.
OD [mm]

.053
[1.346]

MAX. INSUL.
OD [mm]

.120
[3.048]

WIRE RANGE
[mm²] REF ONLY

14-20 AWG
[2.0-0.50]

6

MATING TORQUE REQUIREMENT: 25-28 IN-LB [2.82-3.16 Nm].

5

SEE SHEET 2 FOR OTHER KEY ARRANGEMENTS.

4

'E' SEAL IDENTIFIED BY BLUE STRIP.

3

MATERIAL- RECEPTACLE: PE GF (BLACK);
GROMMET: SILICONE (RED);
RETAINING BOLT/CLIP: STEEL.

2. THIS RECEPTACLE MATES WITH AEC16-40SX-XXXX;
AEC18-40SX-XXXX AND AEC16-40SU PLUGS.
(X=A,B,C,D,U KEYS; XXXX=ALL MODIFICATIONS).
CONSULT FACTORY FOR MODS.

1. RECEPTACLE IS SUPPLIED WITH DUST CAP. (0515-009-4005).

NOTES: UNLESS OTHERWISE SPECIFIED

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DWN 04FEB2008
JAIME C. APOSTOL

CHK 14AUG2008
BRICE BYFORD

APVD 11AUG2008
DAVID MEYER

PRODUCT SPEC
0425-015-0000

APPLICATION SPEC

WEIGHT

Customer Drawing

DIMENSIONS:
INCHES[mm]

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±.005
4 PLC ±
ANGLES ±

MATERIAL 3

FINISH

TE Connectivity

NAME
RECEPTACLE, 40 SIZE 16
KEYS A,B,C,D,AB,CD E-SEAL
-E019 MOD, AEC SERIES

SIZE
A3

CAGE CODE
4AFU8

DRAWING NO
AEC14-40PXXE-E019

RESTRICTED TO
-

SCALE
5:3

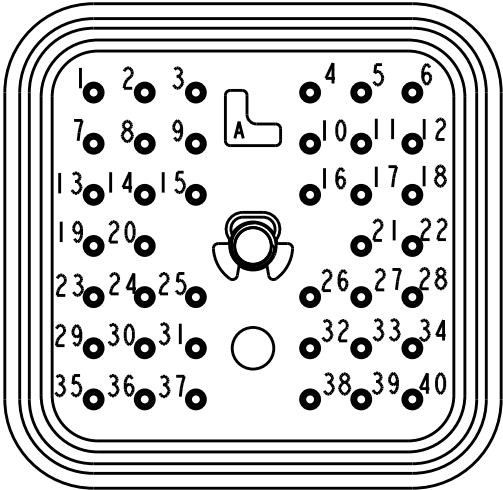
SHEET
1

OF
2

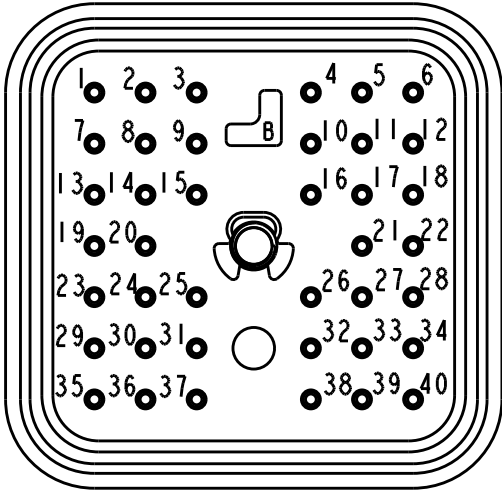
REV
B

1470-19 (3/11)

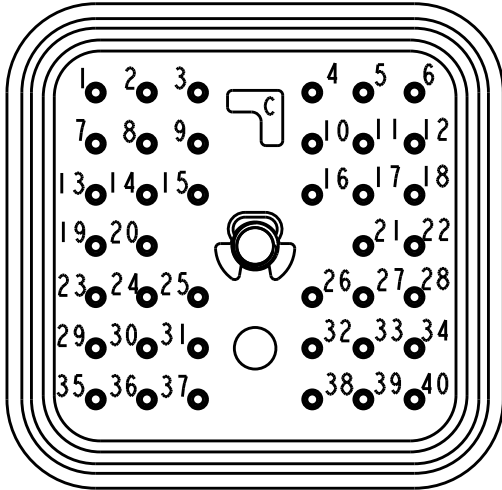
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-



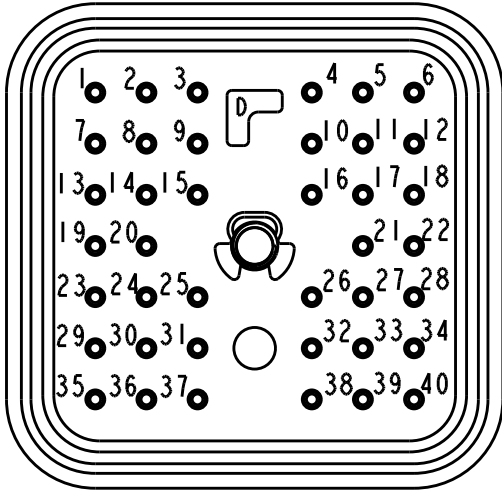
AEC14-40PAE-E019
KEY 'A'



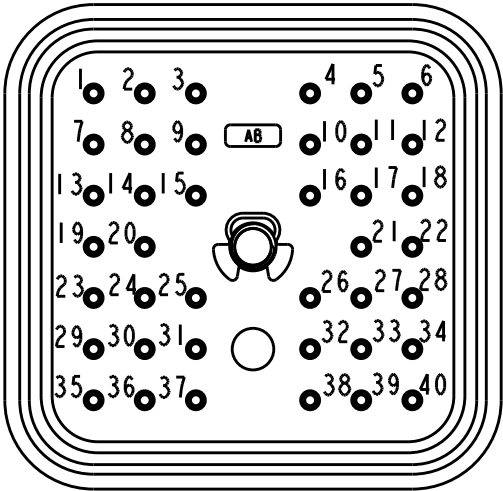
AEC14-40PBE-E019
KEY 'B'



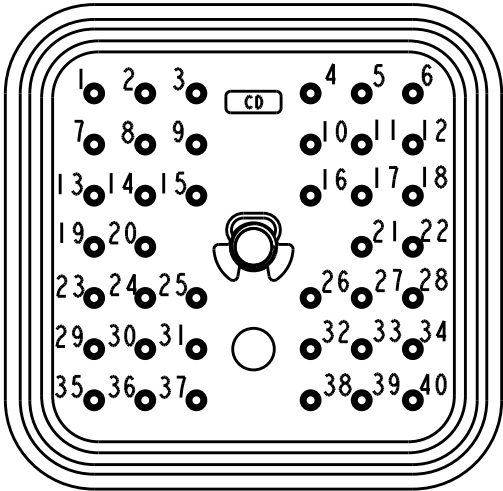
AEC14-40PCE-E019
KEY 'C'



AEC14-40PDE-E019
KEY 'D'



AEC14-40PABE-E019
KEY 'AB'



AEC14-40PCDE-E019
KEY 'CD'

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JAIME C. APOSTOL 04FEB2008	TE Connectivity			
DIMENSIONS: INCHES[mm]		CHK BRICE BYFORD 14AUG2008				
		APVD DAVID MEYER 11AUG2008	NAME RECEPTACLE, 40 SIZE 16 KEYS A,B,C,D,AB,CD E-SEAL -E019 MOD, AEC SERIES			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC 0425-015-0000				
MATERIAL 		APPLICATION SPEC	SIZE A3	CAGE CODE 4AFU8	DRAWING NO AEC14-40PXXE-E019	RESTRICTED TO -
FINISH		WEIGHT	SCALE 5:4		SHEET 2	OF 2
		Customer Drawing			REV B	

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