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2015

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LOC

DIST

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	NC	REDRAWN/REPLACES PREV REL PER E.O. P17721	26APR2002	DM	RDR
	A	REVISED PER E.O. P19064	04OCT2005	JA	RDR
	B	REVISED PER ECO-15-007451	30JUL2015	JA	DM

OPTIONAL MOLD GATE LOCATION

1.894
[48.11]

1.944
[49.38]

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M5 X .8-6g
RETAINING BOLT

KEY 4

1.642
[41.71]

.200
[5.08]

.057
[1.45]

.150
[3.81]

DEUTSCH I.P.D.
AEC 14-40P A

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DEUTSCH INDUSTRIAL

M4 HEX 5

MIN. INSUL. OD [mm]	MAX. INSUL. OD [mm]	WIRE RANGE [mm²] REF ONLY
.100 [2.540]	.134 [3.404]	14-20 AWG [2.0-0.50]

TE INTERNAL PN	DEUTSCH PN	THEORETICAL WEIGHT
AEC14-40PA	AEC14-40PA	122.25g
AEC14-40PB	AEC14-40PB	
AEC14-40PC	AEC14-40PC	
AEC14-40PD	AEC14-40PD	
AEC14-40PAB	AEC14-40PAB	106.99g
AEC14-40PCD	AEC14-40PCD	

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

4 SEE SHEET 2 FOR OTHER KEY ARRANGEMENTS.

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 KEYS; XXXX=ALL MODIFICATIONS).
CONSULT FACTORY FOR MODS.

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

NOTES:

1470-19 (3/11)

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES[mm]

MATERIAL 3

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±

2 PLC ±

3 PLC ±.025 [0.64]

4 PLC ±

ANGLES ±

FINISH

DWN DAVID MEYER 10APR2002

CHK TESFU YOHANNES 10APR2002

APVD ROBIN REED 11APR2002

PRODUCT SPEC 0425-015-0000

APPLICATION SPEC

WEIGHT SEE TABLE

Customer Drawing

TE Connectivity

NAME RECEPTACLE 40 SIZE 16
KEYS A,B,C,D,AB,CD
AEC SERIES

SIZE A3

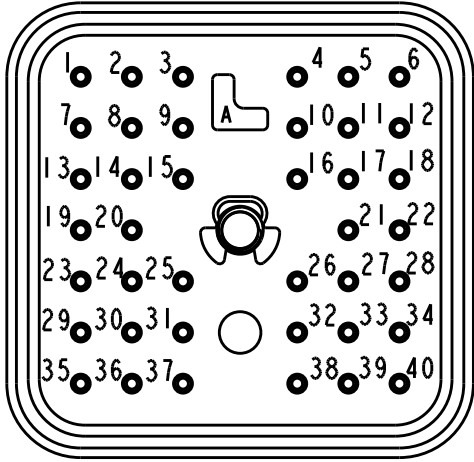
CAGE CODE 4AFU8

DRAWING NO ©-AEC14-40PXX

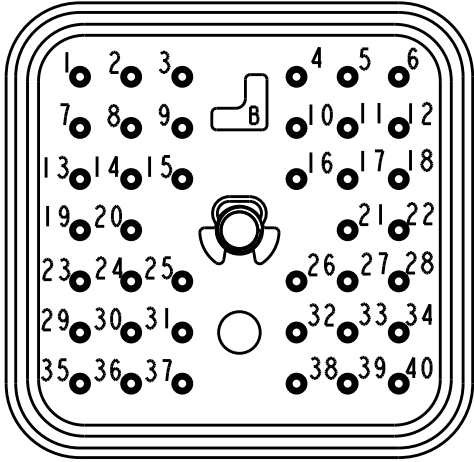
RESTRICTED TO -

SCALE 5:3 SHEET 1 OF 2 REV B

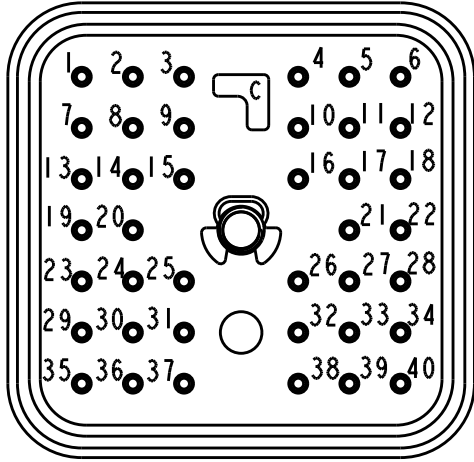
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-



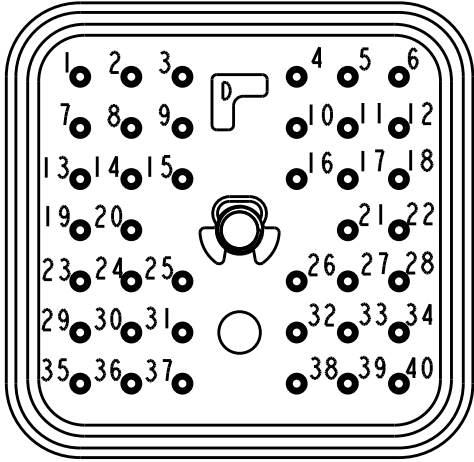
AEC14-40PA
KEY: -A-



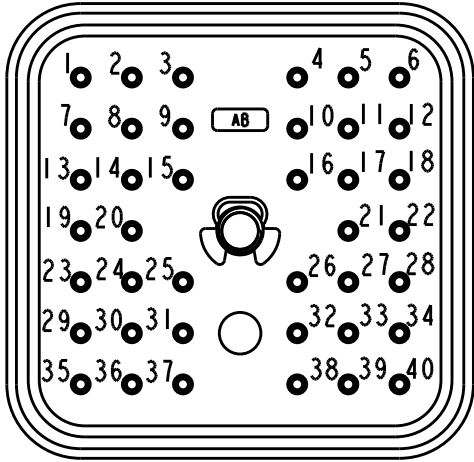
AEC14-40PB
KEY: -B-



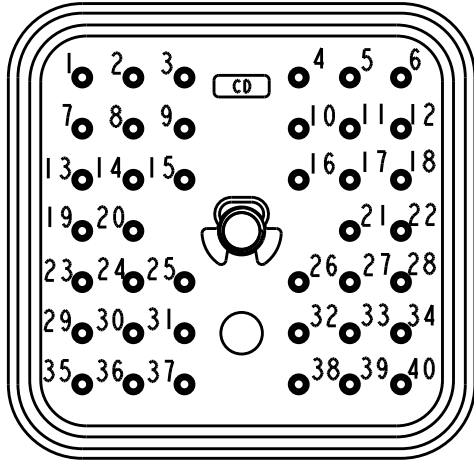
AEC14-40PC
KEY: -C-



AEC14-40PD
KEY: -D-



AEC14-40PAB
KEY: -AB-



AEC14-40PCD
KEY: -CD-

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES[mm]

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±

2 PLC ±

3 PLC ±.025 [0.64]

4 PLC ±

ANGLES ±

FINISH

DWN DAVID MEYER 10APR2002

CHK TESFU YOHANNES 10APR2002

APVD ROBIN REED 11APR2002

PRODUCT SPEC 0425-015-0000

APPLICATION SPEC

WEIGHT SEE TABLE

Customer Drawing

TE Connectivity

NAME
RECEPTACLE 40 SIZE 16
KEYS A,B,C,D,AB,CD
AEC SERIES

SIZE A3

CAGE CODE 4AFU8

DRAWING NO C-AEC14-40PXX

RESTRICTED TO -

SCALE 5:4 SHEET 2 OF 2 REV B