

8

7

6

5

4

3

2

1

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2015

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LOCKING WEDGE
COLOR: YELLOW

WIRE SEAL
COLOR: SEE TABLE

HOUSING
COLOR: SEE TABLE

MATING SEAL
COLOR: SEE TABLE

COVER
COLOR: BLACK

13.1

8.0

9.8

38.29±1.40

4

ASSEMBLY WILL PASS
THROUGH OPENING OF
DIAMETER B (REFERENCE)

7.0

DIM C
(REFERENCE)

DIM A (REFERENCE)

1

8

16

23

7

A3

5

BOTTOM VIEW WITH LOCKING WEDGE

23-POSITION CONNECTOR SHOWN, SEE
TABLE BELOW FOR ALTERNATE DIMENSIONS.

CONNECTOR SIZE	A	B	C
8-POSITION	27.4	40	27.50
14-POSITION	35.4	44	27.60
23-POSITION	47.4	50	27.60
35-POSITION	63.4	66	27.45

776230, 776231	776180, 776163	RED	ORANGE	ORANGE	35-POSITION	2371885-6	
				BLUE		2371885-5	
				GREY		2371885-4	
				NATURAL		2371885-2	
				BLACK		2371885-1	
776200, 776228	770669, 776087	RED	GREY	BLUE	23-POSITION	2371884-5	
				GREY		2371884-4	
				NATURAL		2371884-2	
				BLACK		2371884-1	
776261, 776262	776266, 776267	GREEN	BROWN	BLUE	14-POSITION	2371883-5	
				GREY		2371883-4	
				NATURAL		2371883-2	
				BLACK		2371883-1	
776275, 776276	776279, 776280	YELLOW	LT BLUE	NATURAL	8-POSITION	2371882-2	
				BLACK		2371882-1	
VERTICAL		RIGHT-ANGLE	MATING SEAL COLOR	WIRE SEAL COLOR	HOUSING COLOR	NO. OF POSITIONS	PART NUMBER
MATING HEADER							

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
D. STRAUSSER

CHK
D. STRAUSSER

05JAN2021

DIMENSIONS:

mm

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

±0.2

±

±

±

±

±

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

APVD
D. STRAUSSER

3-2-22

NAME
PLUG ASSEMBLY,REDUCED WIRE SIZE
AMPSEAL FAMILY DRAWING

MATERIAL
-

SEE NOTE 1

CUSTOMER DRAWING

SIZE
A1

CAGE CODE
100779

DRAWING NO.
C=2371886

RESTRICTED TO
-

1. MATERIAL: HOUSING - UL94V-0 PBT+PC
LOCKING WEDGE - UL94V-0 PBT, YELLOW
COVER - UL94V-0 PBT, BLACK
MATING SEAL - SILICONE
WIRE SEAL - SILICONE

2. HOUSING COLORS ARE MECHANICALLY KEYED TO MATE WITH IDENTICALLY COLORED HEADER ASSEMBLIES

3. PLUG USES REELED TERMINAL 770520 OR LOOSE PIECE TERMINAL 770854
770520-5, TIN PLATE, 20-22AWG TXL WIRE
770520-6, TIN PLATE, 22-24AWG TXL WIRE
770520-8, GOLD PLATE, 20-22AWG TXL WIRE
1-770520-1, GOLD PLATE, 22-24AWG TXL WIRE

4 DATE CODE ON THIS SURFACE. USES 5 DIGIT CODE:
FIRST 2 DIGITS = YEAR, SECOND 2 DIGITS = WEEK,
LAST DIGIT = DAY

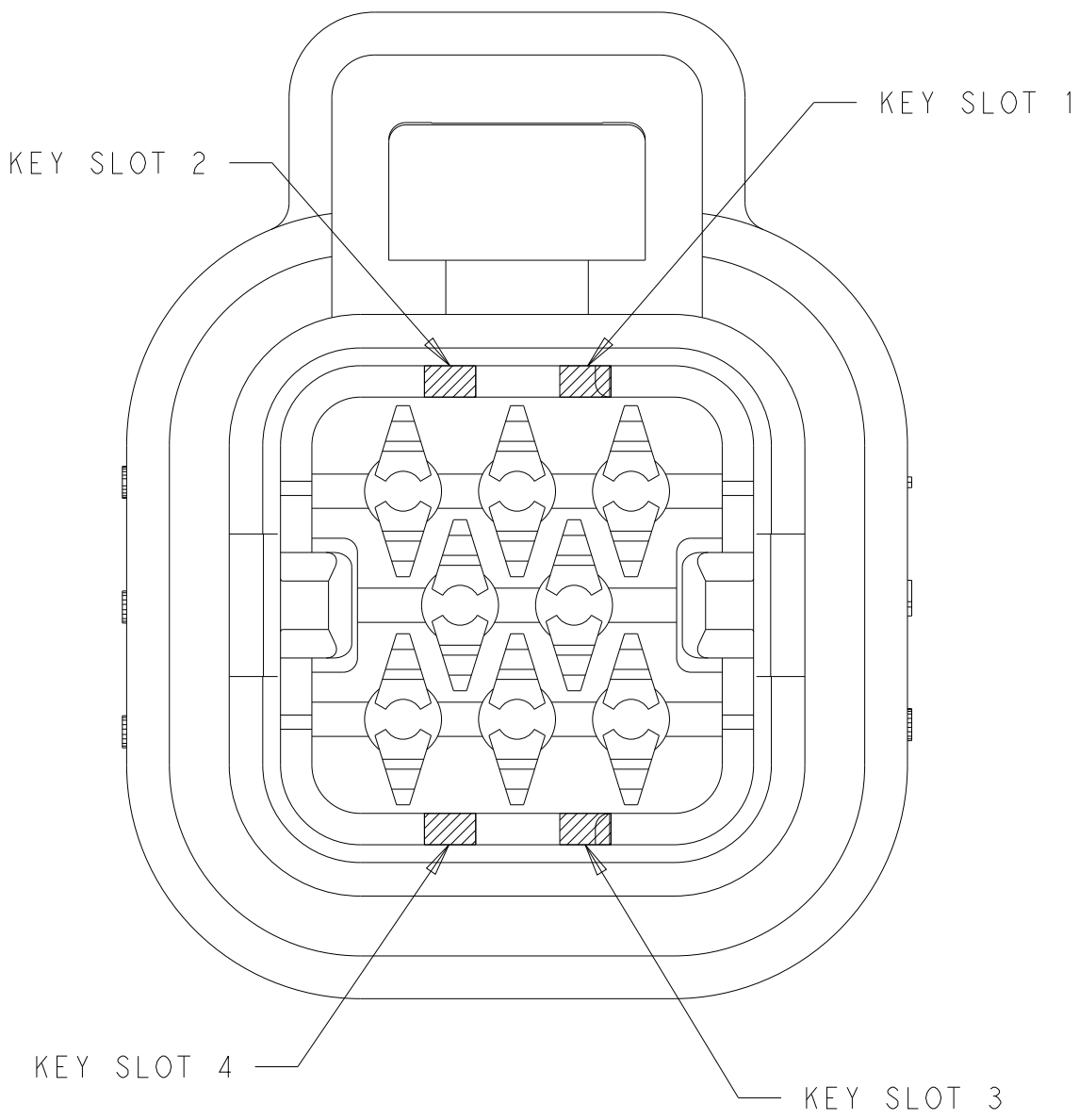
5 OPTIONAL VOID CORING ON 35 POSITION PLUG ASSEMBLY 2371885

6. PRODUCT IS DESIGNED FOR WIRE OD OF 1.4 - 1.8mm

A3 7 OPTIONAL STEP FEATURES ALLOWED ON BOTH OPENINGS OF THE PART

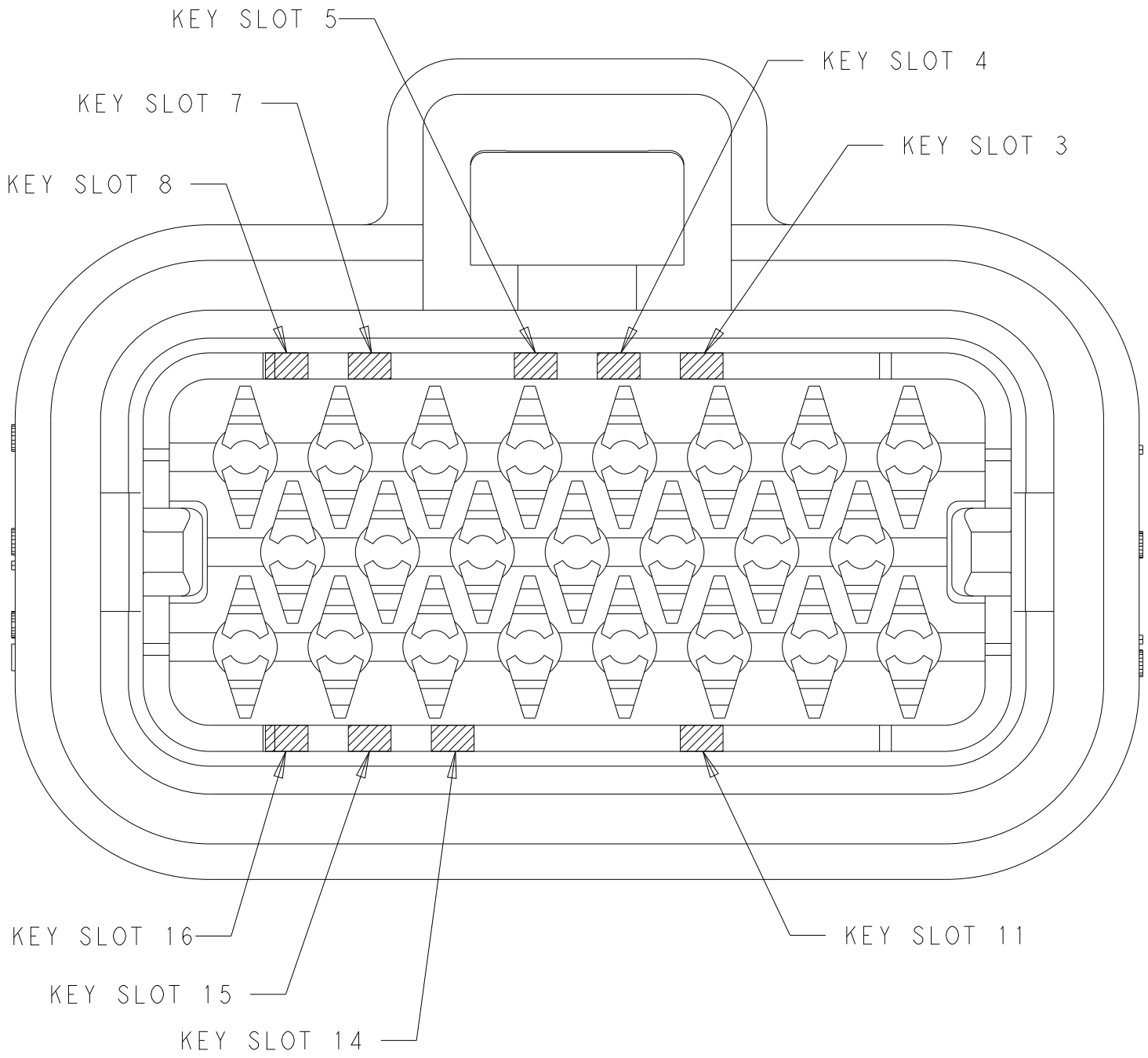
4805 (3/13)

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



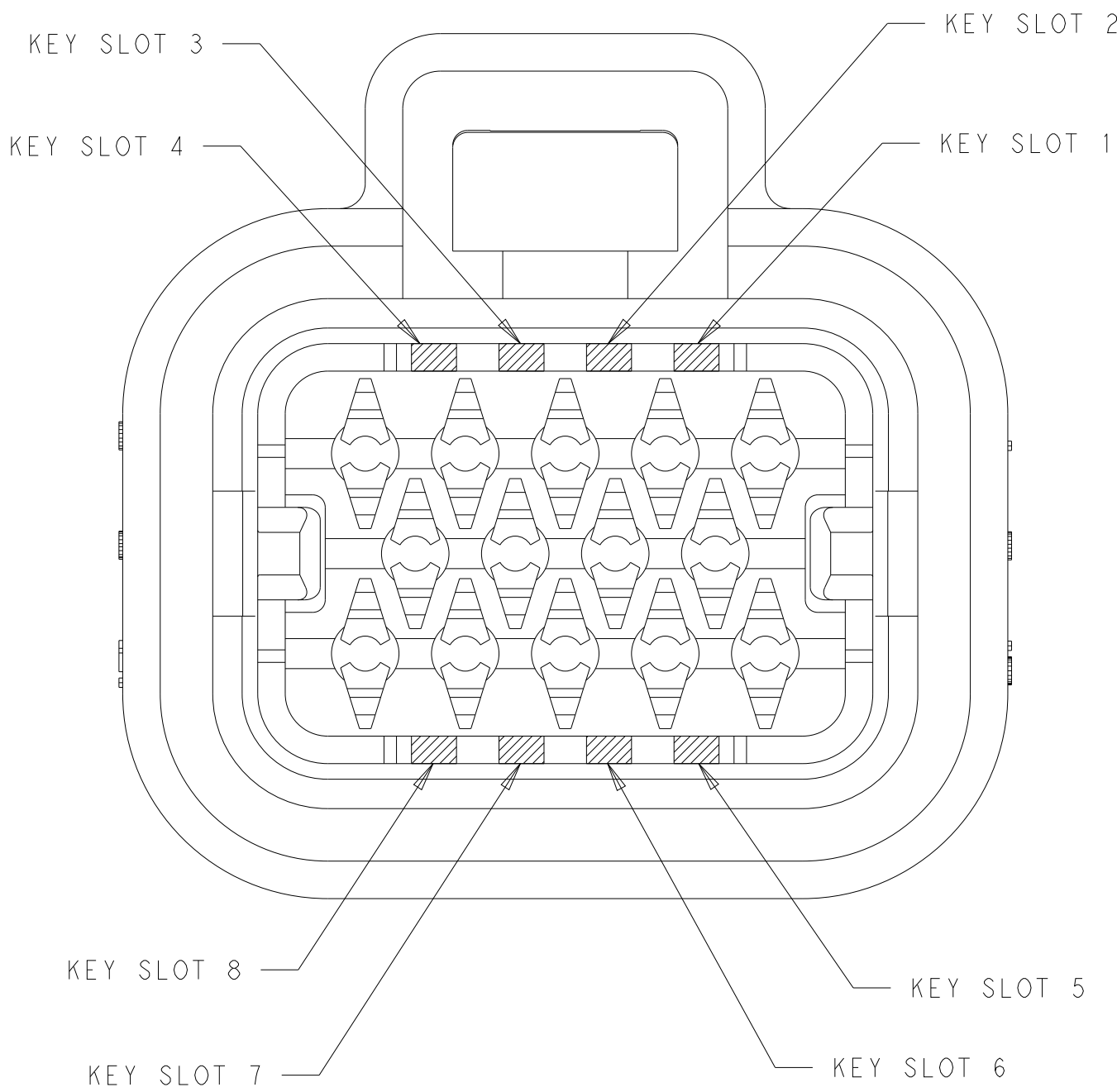
1 & 3	NATURAL	2371882-2
2 & 4	BLACK	2371882-1
KEY SLOT LOCATION (SEE VIEW ABOVE)	COLOR	PART NUMBER

8-POSITION CONNECTOR
KEY SLOT LOCATIONS
SCALE 4:1



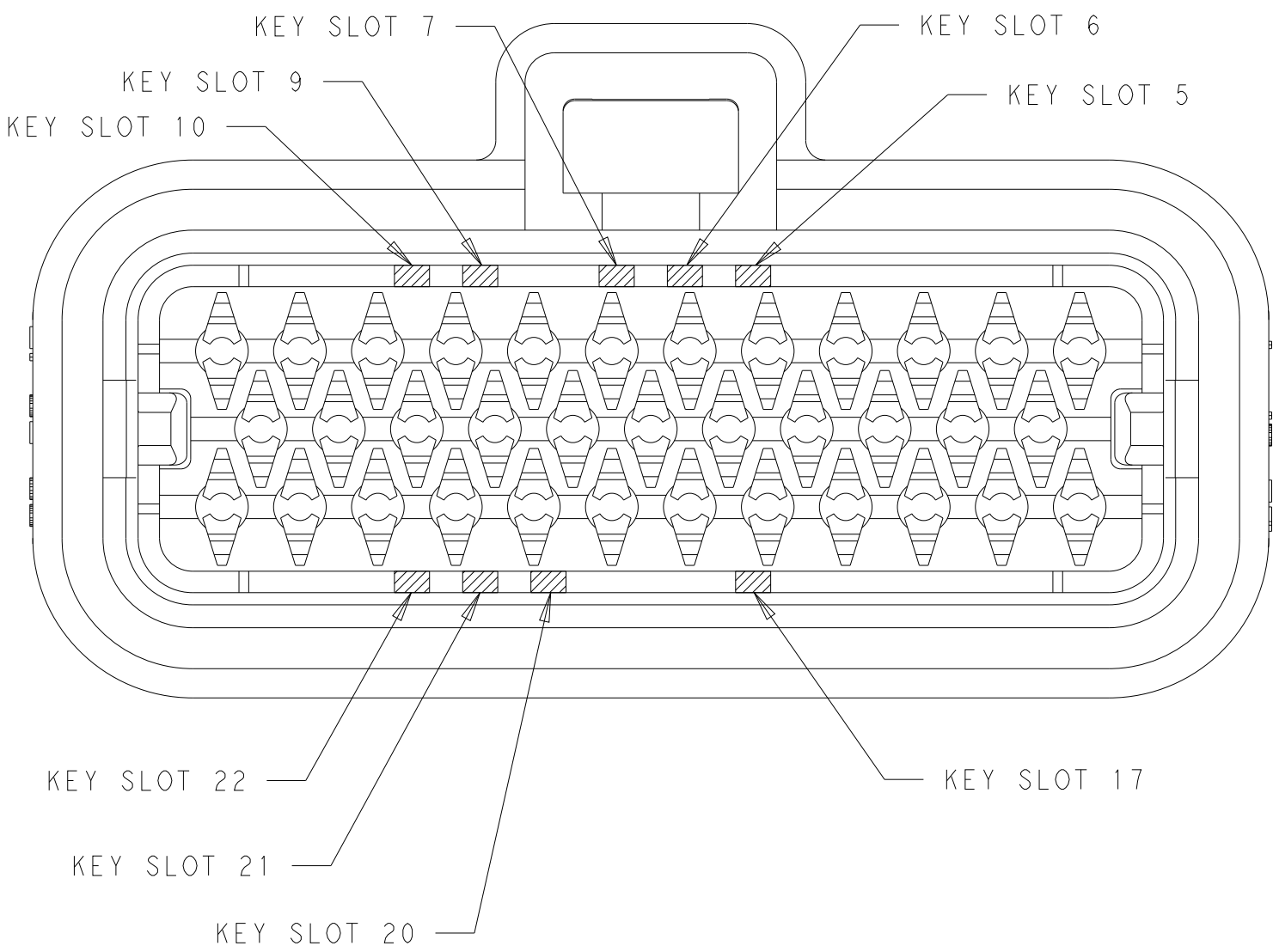
3, 8 & 16	BLUE	2371884-5
7 & 15	GREY	2371884-4
5 & 11	NATURAL	2371884-2
4 & 14	BLACK	2371884-1
KEY SLOT LOCATION (SEE VIEW ABOVE)	COLOR	PART NUMBER

23-POSITION CONNECTOR
KEY SLOT LOCATIONS
SCALE 4:1



3 & 5	BLUE	2371883-5
2 & 8	GREY	2371883-4
1 & 6	NATURAL	2371883-2
3 & 7	BLACK	2371883-1
KEY SLOT LOCATION (SEE VIEW ABOVE)	COLOR	PART NUMBER

14-POSITION CONNECTOR
KEY SLOT LOCATIONS
SCALE 4:1



7 & 22	ORANGE	2371885-6
5, 10, 22	BLUE	2371885-5
9 & 21	GREY	2371885-4
7 & 17	NATURAL	2371885-2
6 & 20	BLACK	2371885-1
KEY SLOT LOCATION (SEE VIEW ABOVE)	COLOR	PART NUMBER

35-POSITION CONNECTOR
KEY SLOT LOCATIONS
SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
D STRAUSSER

CHK
D STRAUSSER

DIMENSIONS:
mm

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES
FINISH

±
±0.2
±
±
±
±
-

MATERIAL
-

SEE NOTE 1

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES
FINISH

±
±0.2
±
±
±
±
-

APVD
D STRAUSSER

PRODUCT SPEC
108-160402

APPLICATION SPEC
114-16016

WEIGHT
-

CUSTOMER DRAWING

NAME
PLUG ASSEMBLY,REDUCED WIRE SIZE
AMPSEAL FAMILY DRAWING

SIZE
A1

CAGE CODE
00779

DRAWING NO
2371886

RESTRICTED TO
-

TE Connectivity

SCALE 1:1

SHEET 2 OF 2

REV A3