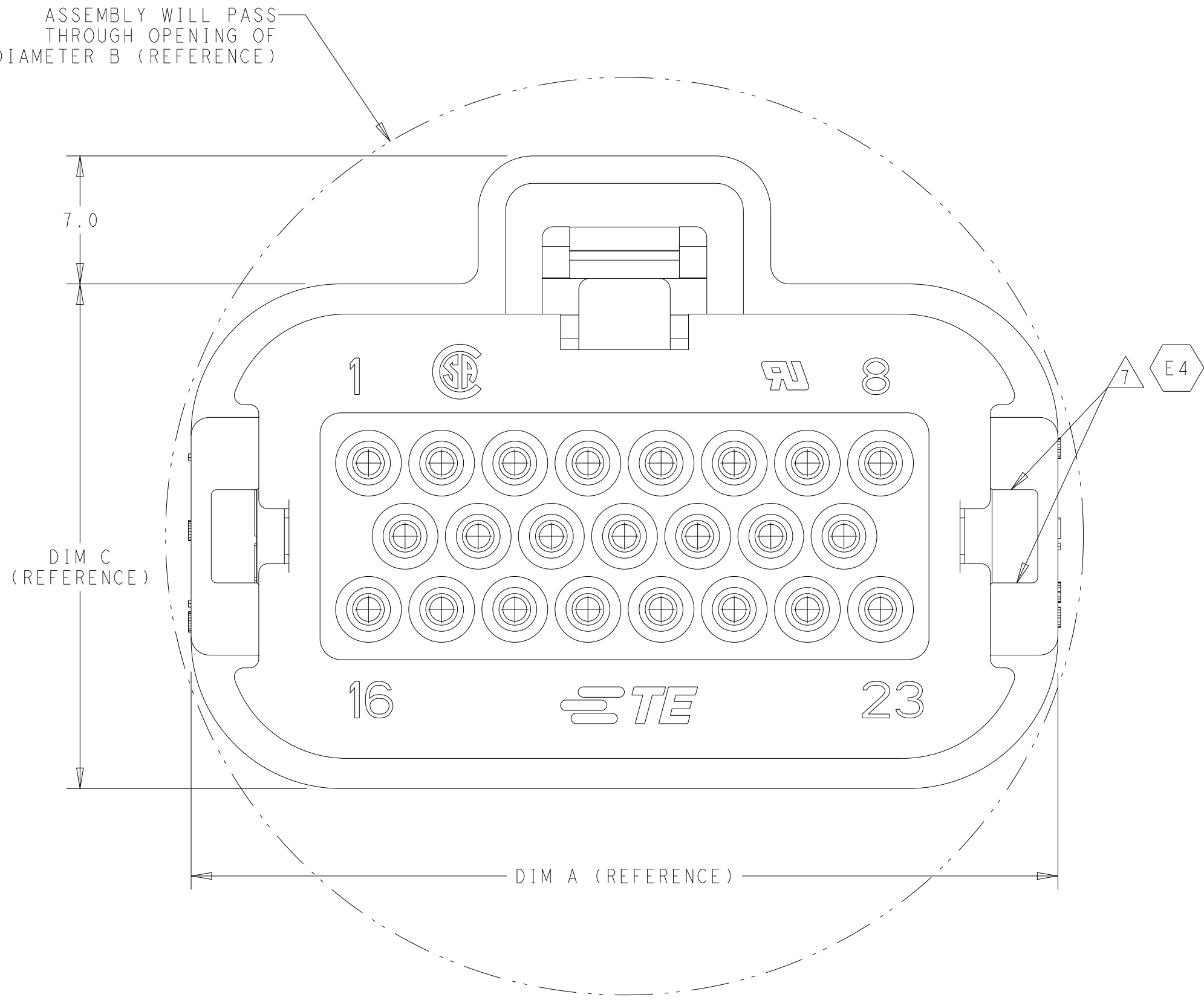
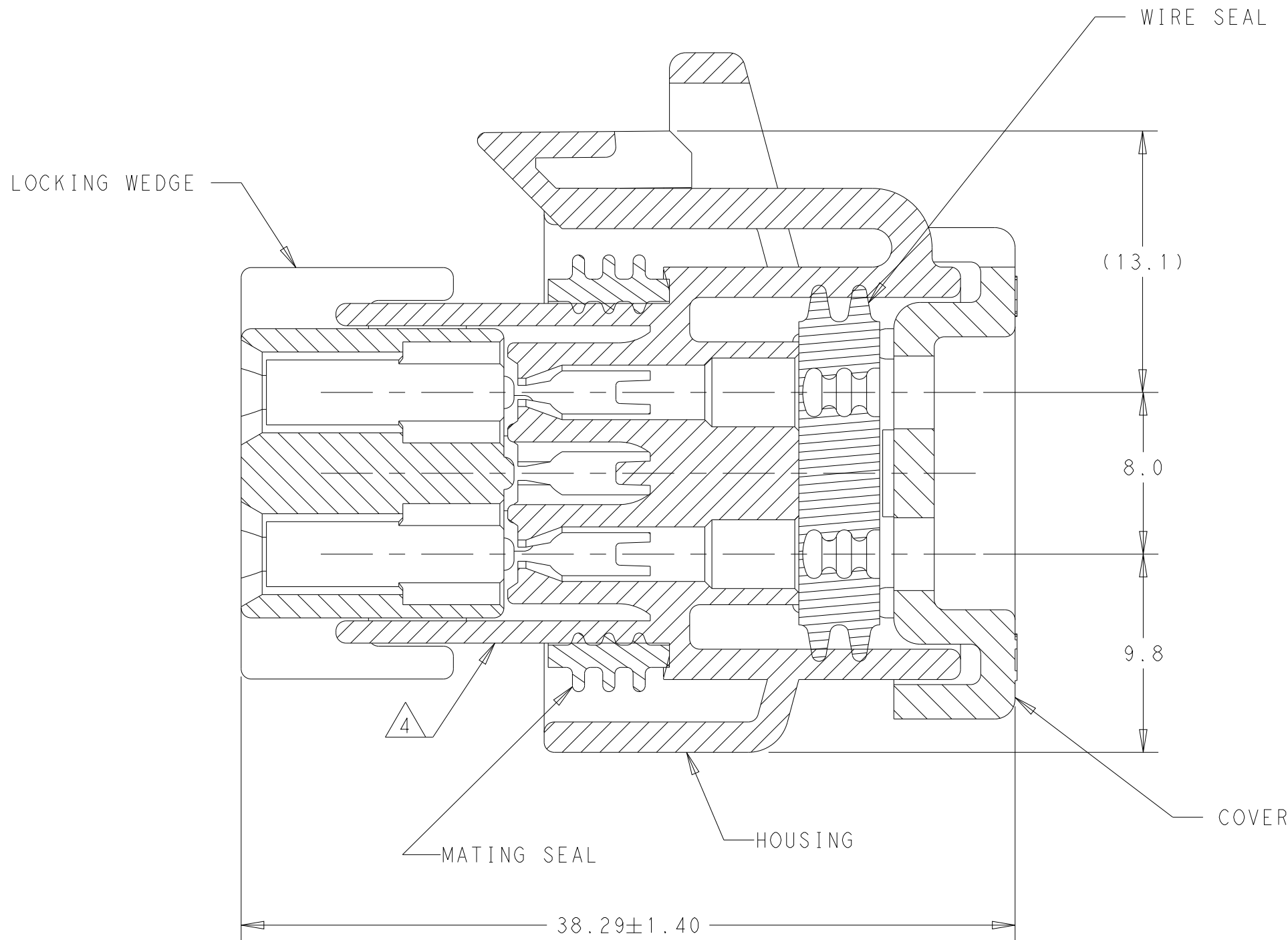




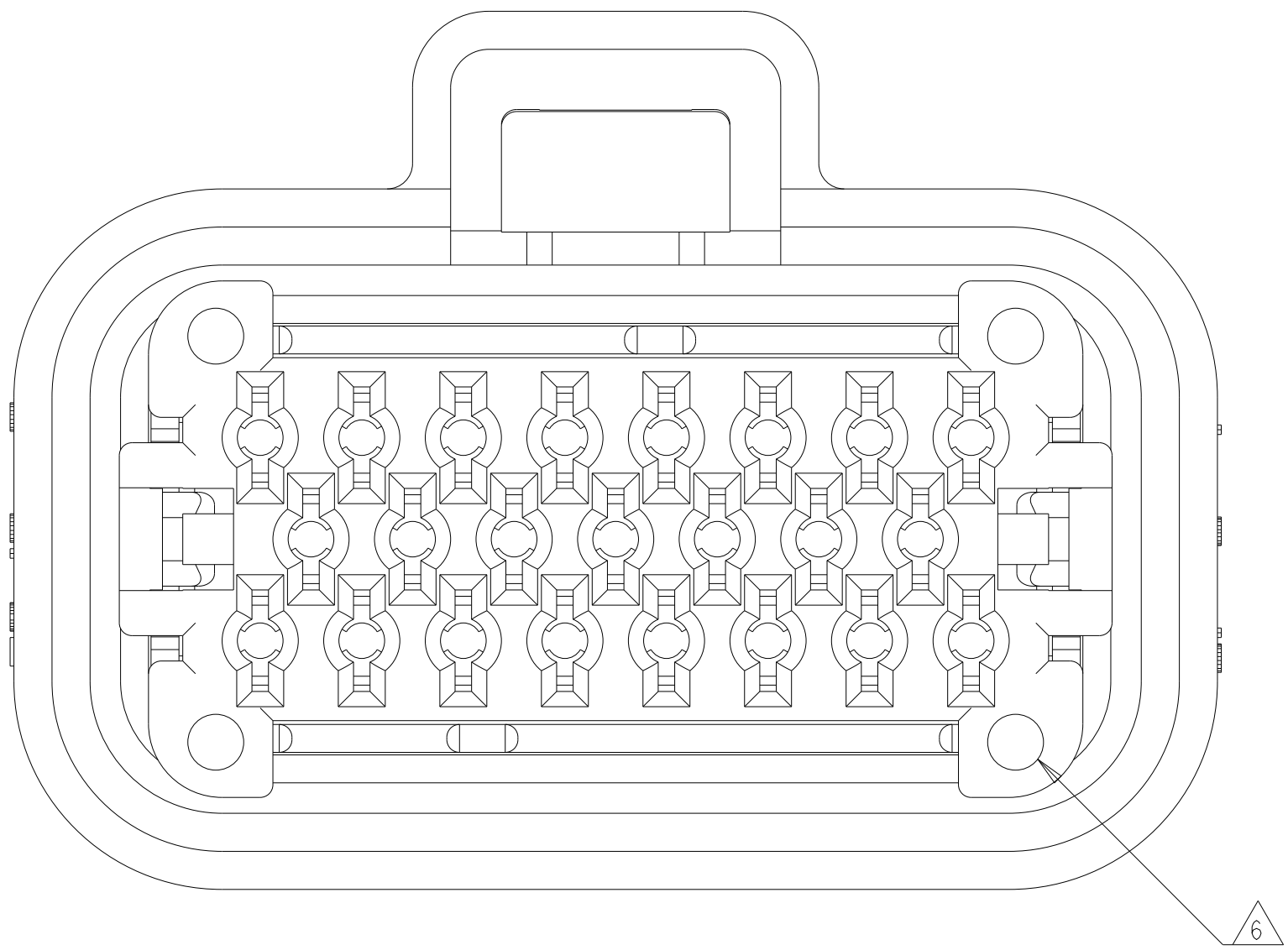
REVISIONS					
P	LYR	DESCRIPTION	DATE	DWN	APVD
E1		ECR-22-157945	10NOV2022	DS	DS
E2		ECR-23-179751	28JUN2023	DCS	DCS
E3		ECR-24-229855	22JAN2025	QS	CB
E4		ECR-25-244027	16JUN2025	QS	DK

1. MATERIAL: HOUSING - UL94V-0 PBT+PC
LOCKING WEDGE - UL94V-0 PBT, RED
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. SEE TABLE 1 FOR WIRE RANGE
- △4 DATE CODE ON THIS SURFACE. USES 5 DIGIT CODE: FIRST 2 DIGITS = YEAR, SECOND 2 DIGITS = WEEK, LAST DIGIT = DAY
- △5 CIRCUITS 3, 7, 16, 17, 21, 22 BLOCKED
- △6 OPTIONAL VOID CORING ON 35 POSITION PLUG ASSEMBLY 776164
- E4 △7 OPTIONAL STEP FEATURES ALLOWED ON BOTH OPENINGS OF THE PART

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

TERMINAL PART NUMBER	WIRE SIZE		INSULATION RANGE
770520-1 AND 770520-3	mm ²	AWG	1.7-2.7
	0.5	20 TXL	
	0.8	18 TXL	
	1.0 FLRY	-	
	1.5	16 TXL	
	1.5 FLRY	-	2.2-2.4
TABLE 1			



BOTTOM VIEW WITH LOCKING WEDGE

776230, 776231	776180, 776163	RED	RED	ORANGE	35-POSITION	776164-6
				BLUE		776164-5
				GREY		776164-4
				NATURAL		776164-2
				BLACK		776164-1
776200, 776228	770669, 776087	GREEN	RED	BLUE	23-POSITION	770680-5
				GREY		770680-4
				BLACK		 770680-3
				NATURAL		770680-2
				BLACK		770680-1
776261, 776262	776266, 776267	GREEN	GREEN	BLUE	14-POSITION	776273-5
				GREY		776273-4
				NATURAL		776273-2
				BLACK		776273-1
776275, 776276	776279, 776280	YELLOW	YELLOW	NATURAL	8-POSITION	776286-2
				BLACK		776286-1
VERTICAL	RIGHT-ANGLE	WIRE SEAL COLOR	MATING SEAL COLOR	HOUSING COLOR	NO. OF POSITIONS	PART NUMBER
MATING HEADER						

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±0.2

1 PLC ±0.2

2 PLC ±0.2

3 PLC ±0.2

4 PLC ±0.2

ANGLES ±0.2

FINISH

MATERIAL

SEE NOTE 1

DWN A. MARTIN 11JUN2015

CHK D. STRAUSSER 29JUN2015

APVD G. BROWN 29JUN2015

PRODUCT SPEC 108-1329

APPLICATION SPEC 114-16016

WEIGHT

CUSTOMER DRAWING

NAME PLUG ASSEMBLY, AMPSEAL FAMILY DRAWING

SIZE A1

CAGE CODE 00779

DRAWING NO C=2293782

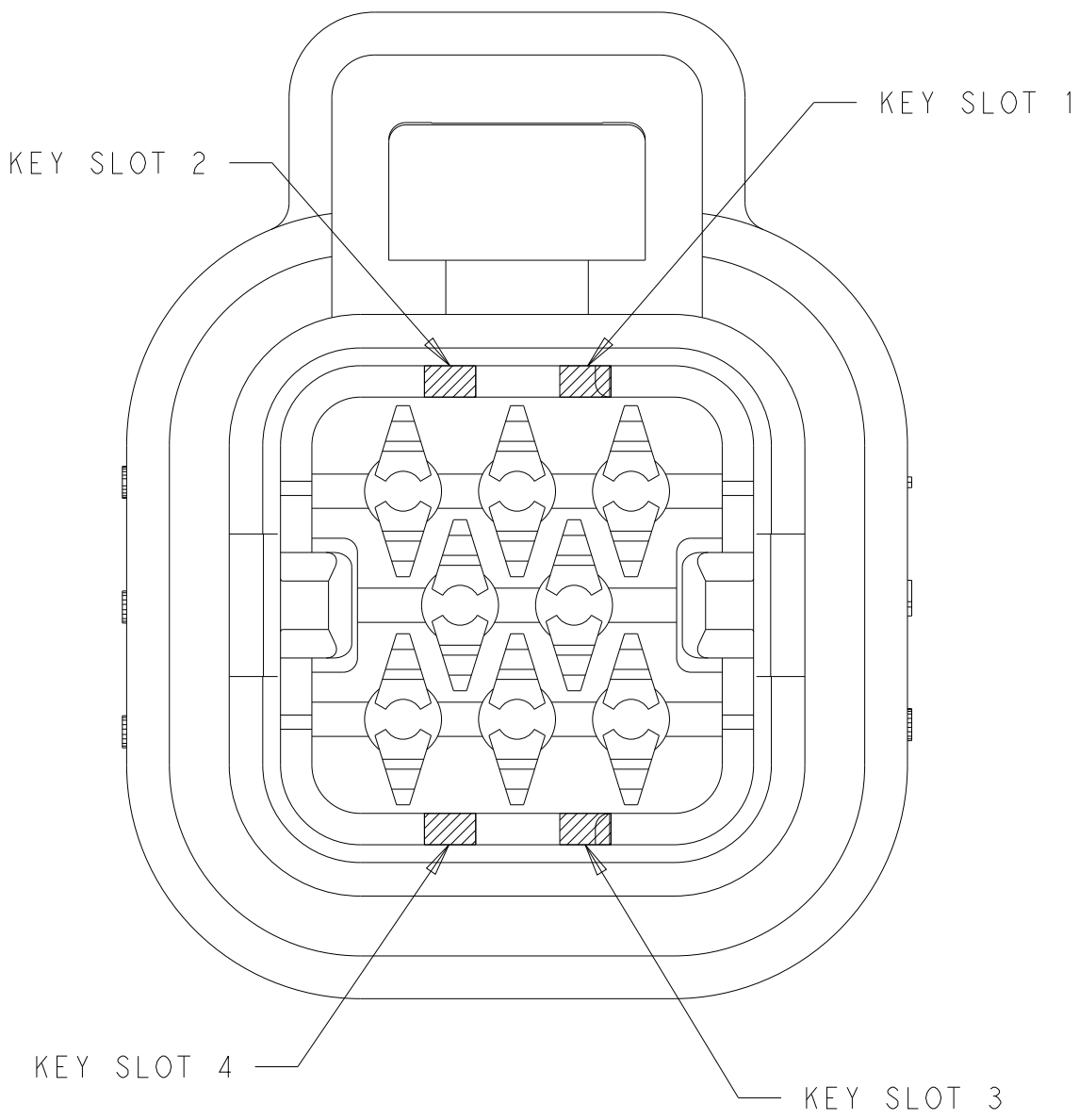
RESTRICTED TO

SCALE 4:1

SHEET 1 OF 2

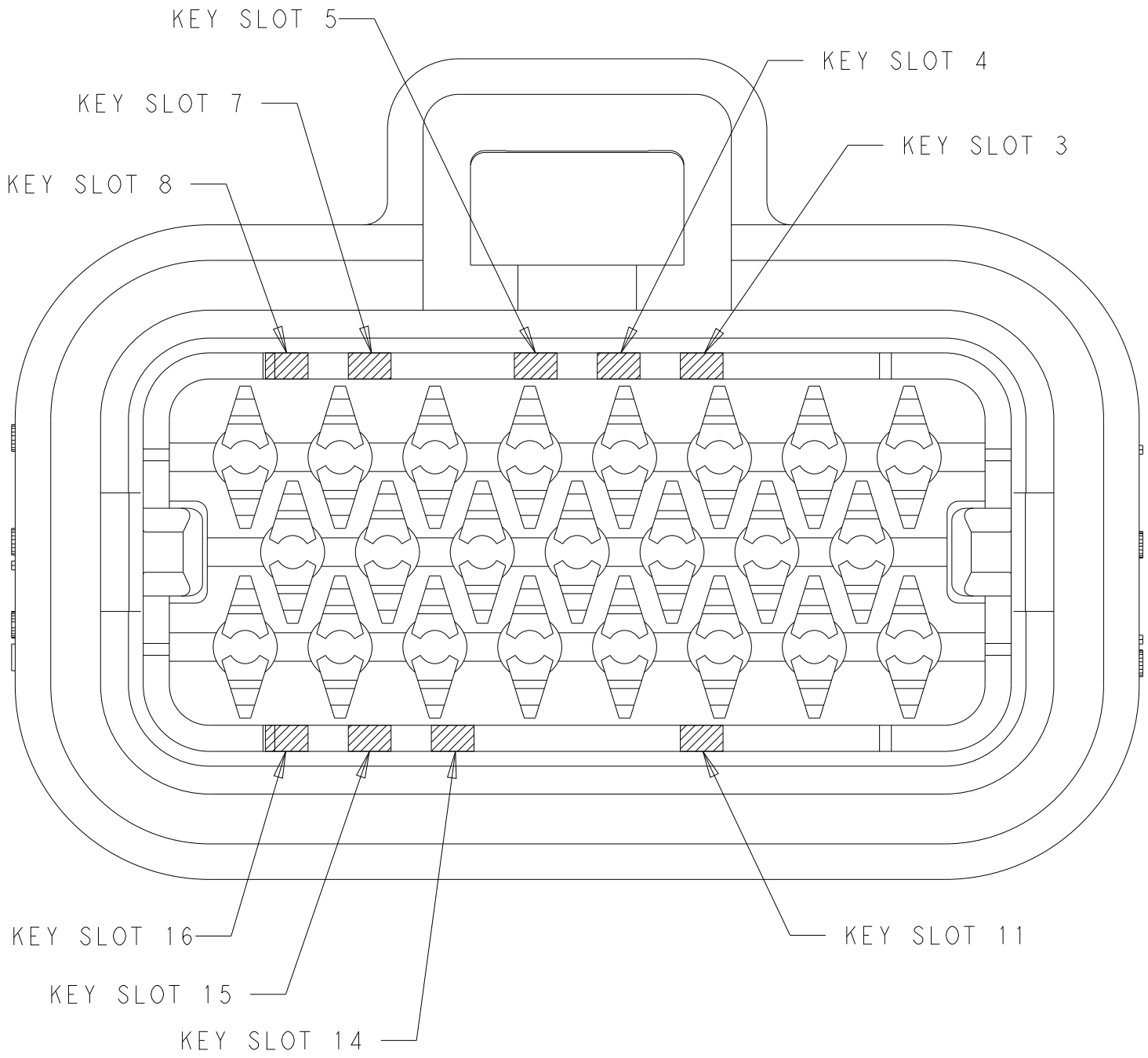
REV E4

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



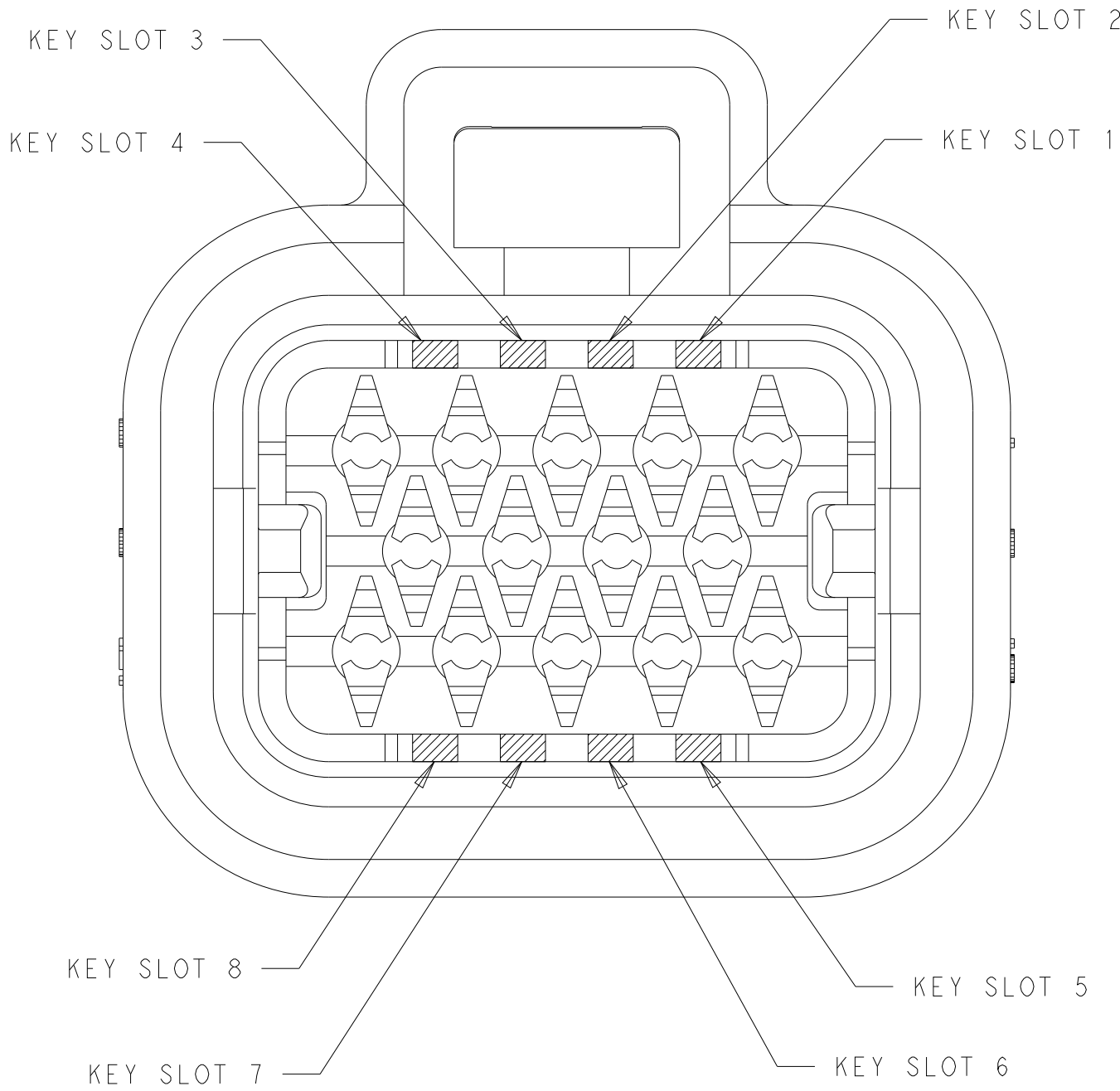
1 & 3	NATURAL	776286-2
2 & 4	BLACK	776286-1
KEY SLOT LOCATION (SEE VIEW ABOVE)	COLOR	PART NUMBER

8-POSITION CONNECTOR
KEY SLOT LOCATIONS
SCALE 4:1



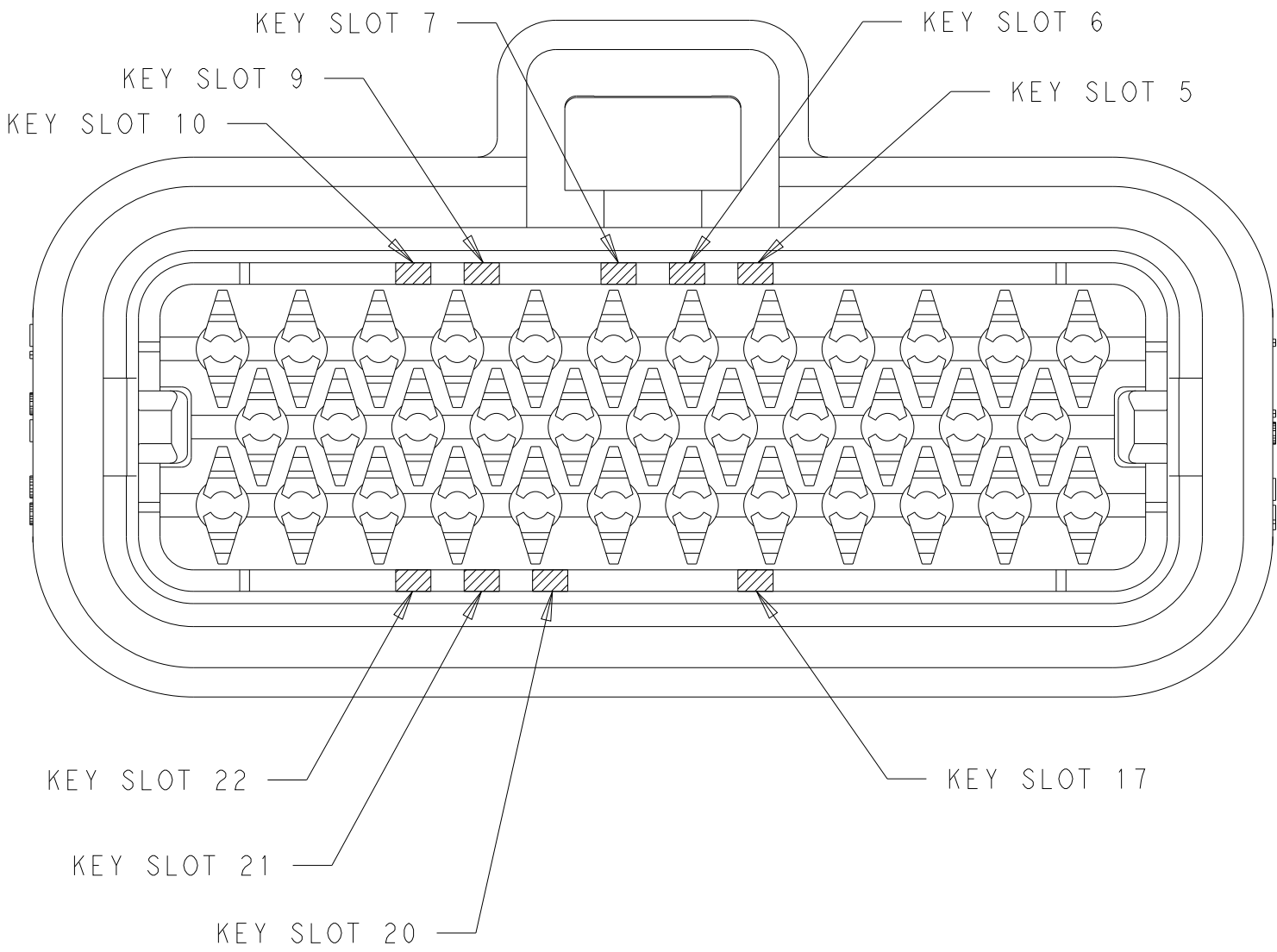
3, 8 & 16	BLUE	770680-5
7 & 15	GREY	770680-4
4 & 14	BLACK	770680-3
5 & 11	NATURAL	770680-2
4 & 14	BLACK	770680-1
KEY SLOT LOCATION (SEE VIEW ABOVE)	COLOR	PART NUMBER

23-POSITION CONNECTOR
KEY SLOT LOCATIONS
SCALE 4:1



3 & 5	BLUE	776273-5
2 & 8	GREY	776273-4
1 & 6	NATURAL	776273-2
3 & 7	BLACK	776273-1
KEY SLOT LOCATION (SEE VIEW ABOVE)	COLOR	PART NUMBER

14-POSITION CONNECTOR
KEY SLOT LOCATIONS
SCALE 4:1



7 & 22	ORANGE	776164-6
5, 10, 22	BLUE	776164-5
9 & 21	GREY	776164-4
7 & 17	NATURAL	776164-2
6 & 20	BLACK	776164-1
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
A. MARTIN
11JUN2015

CHK
D. STRAUSSER
29JUN2015

APVD
S. BROWN
29JUN2015

NAME
PLUG ASSEMBLY,
AMPSEAL FAMILY DRAWING

SIZE
A1

CAGE CODE
00779

DRAWING NO
C=2293782

RESTRICTED TO
-

DIMENSIONS:
mm

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

±
±0.2
±
±
±
±
±

±
±
±
±
±
±
±

MATERIAL
-

SEE NOTE 1

WEIGHT
-

CUSTOMER DRAWING

SCALE
1:1

SHEET
2

OF
2

REV
E4

TE Connectivity

TE

4805 (3/13)