

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	ECN-22-139187	03MAR2022	DS	DS
	A1	ECR-23-192063	08NOV2023	DCS	DCS
	A2	ECR-24-229855	22JAN2025	QS	CB
	A3	ECR-25-244027	16JUN2025	QS	DK

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

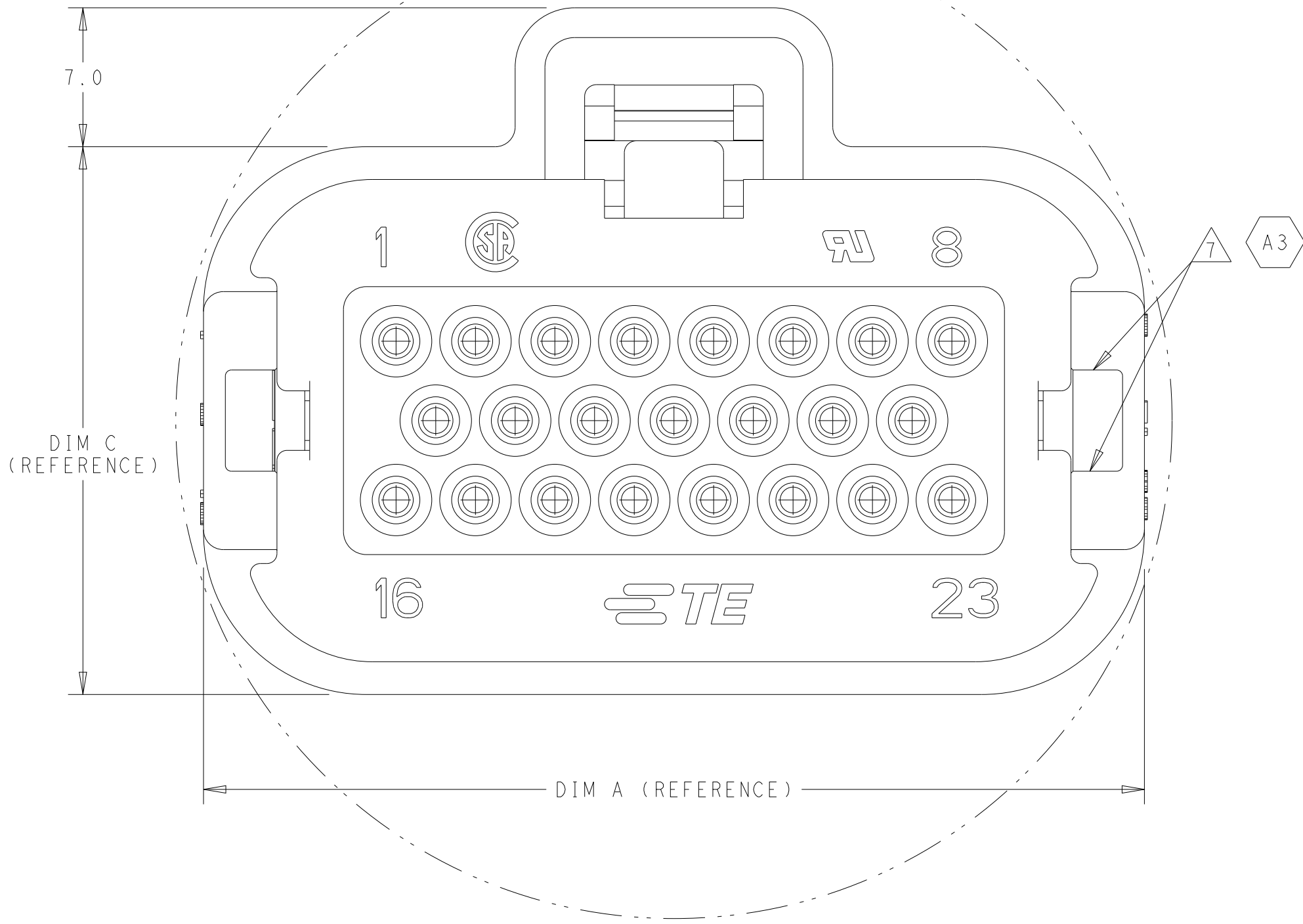
4 DATE CODE ON THIS SURFACE. USES 5 DIGIT CODE: FIRST 2 DIGITS = YEAR, SECOND 2 DIGITS = WEEK, LAST DIGIT = DAY

5 OPTIONAL VOID CORING ON 35 POSITION PLUG ASSEMBLY 2371885

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

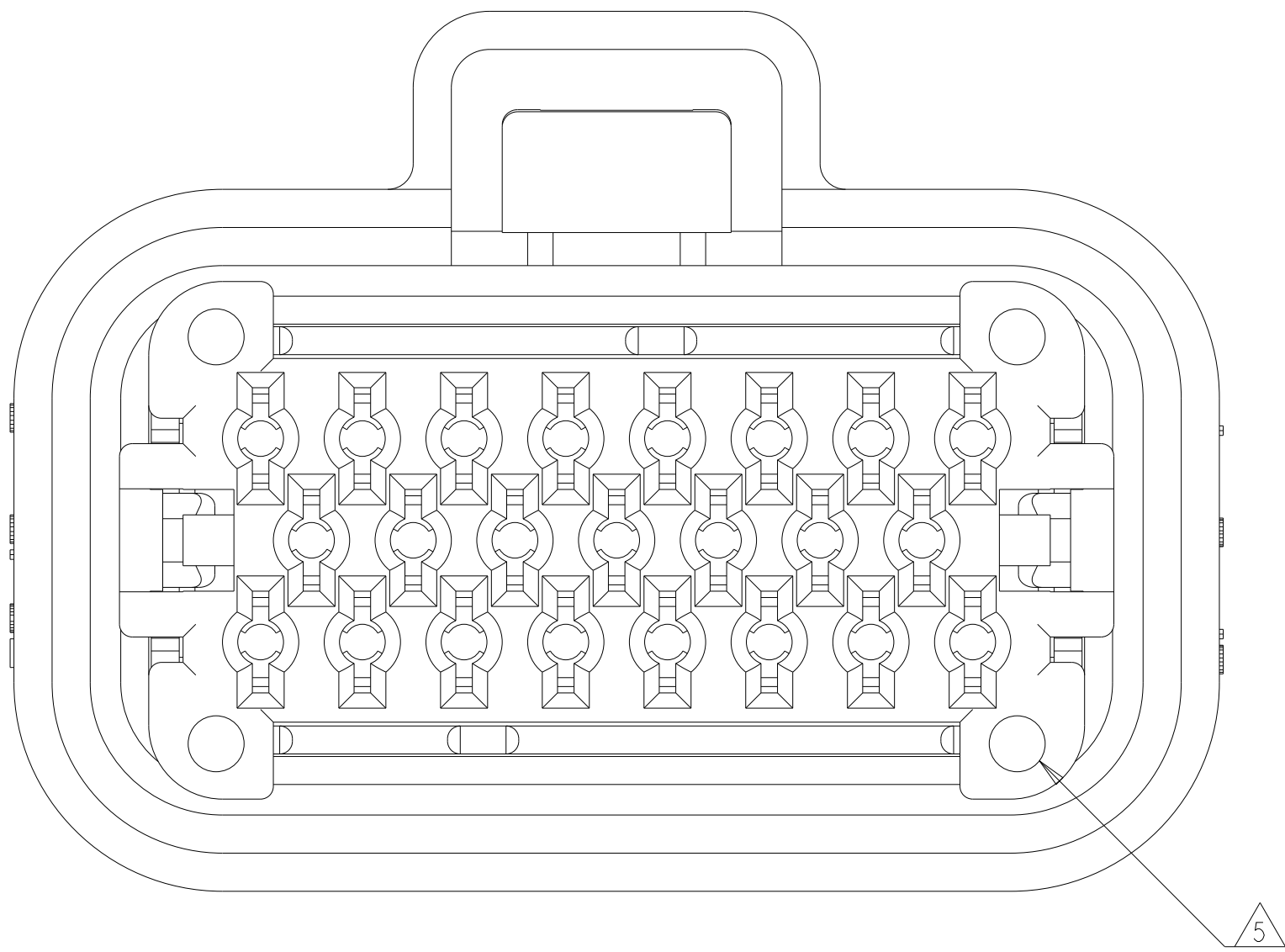
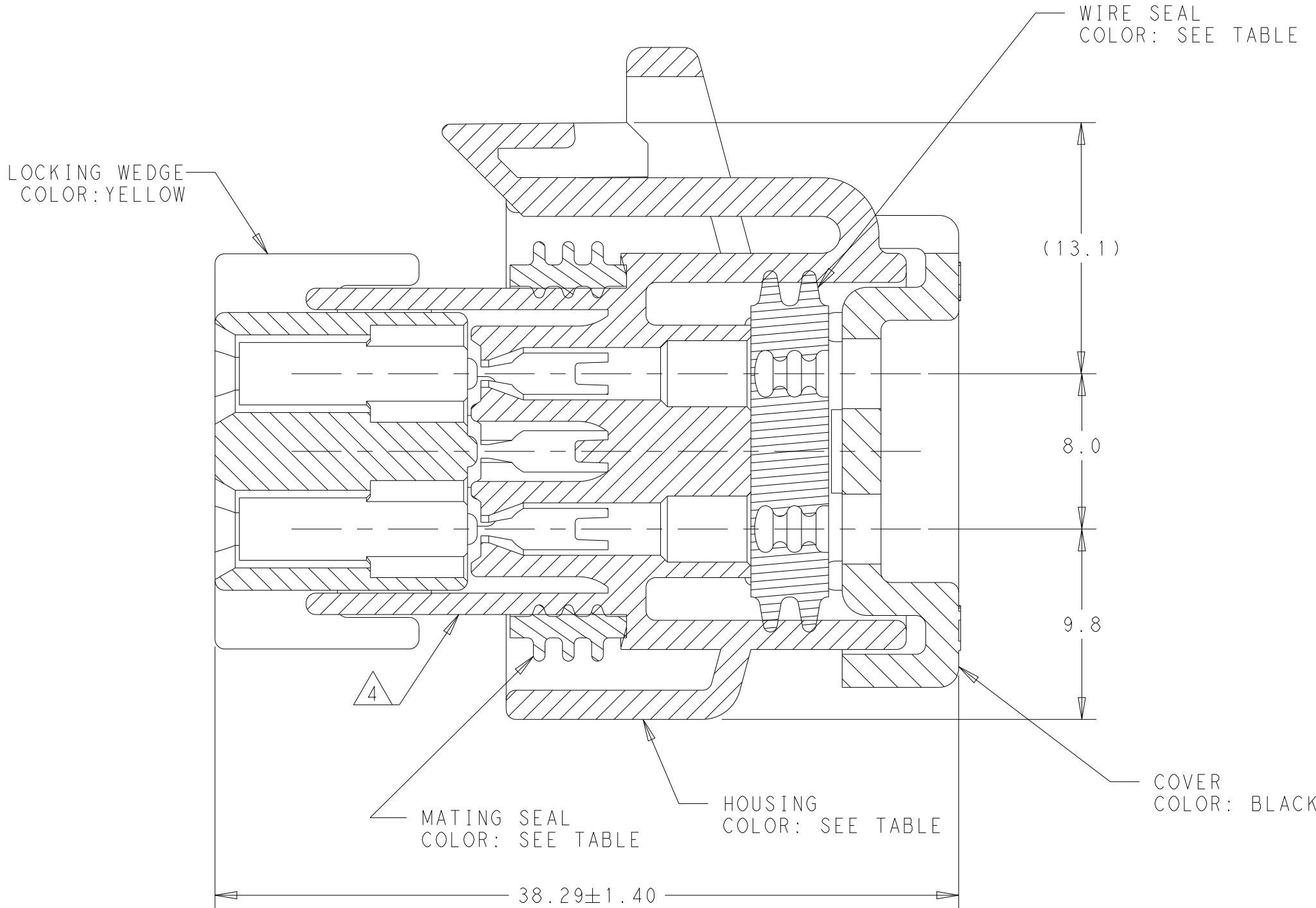
7 OPTIONAL STEP FEATURES ALLOWED ON BOTH OPENINGS OF THE PART

ASSEMBLY WILL PASS THROUGH OPENING OF DIAMETER B (REFERENCE)



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

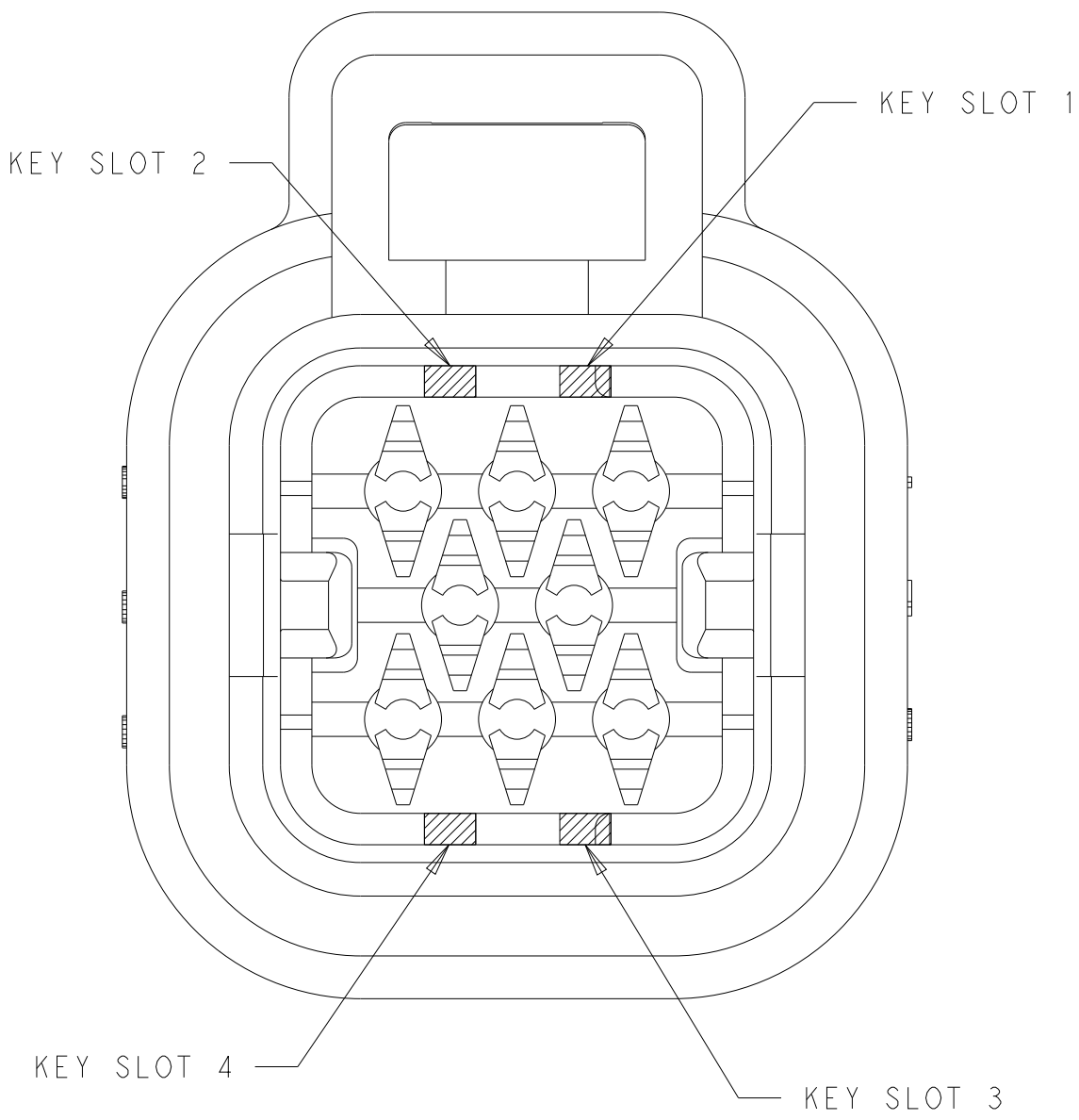


BOTTOM VIEW WITH LOCKING WEDGE

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							

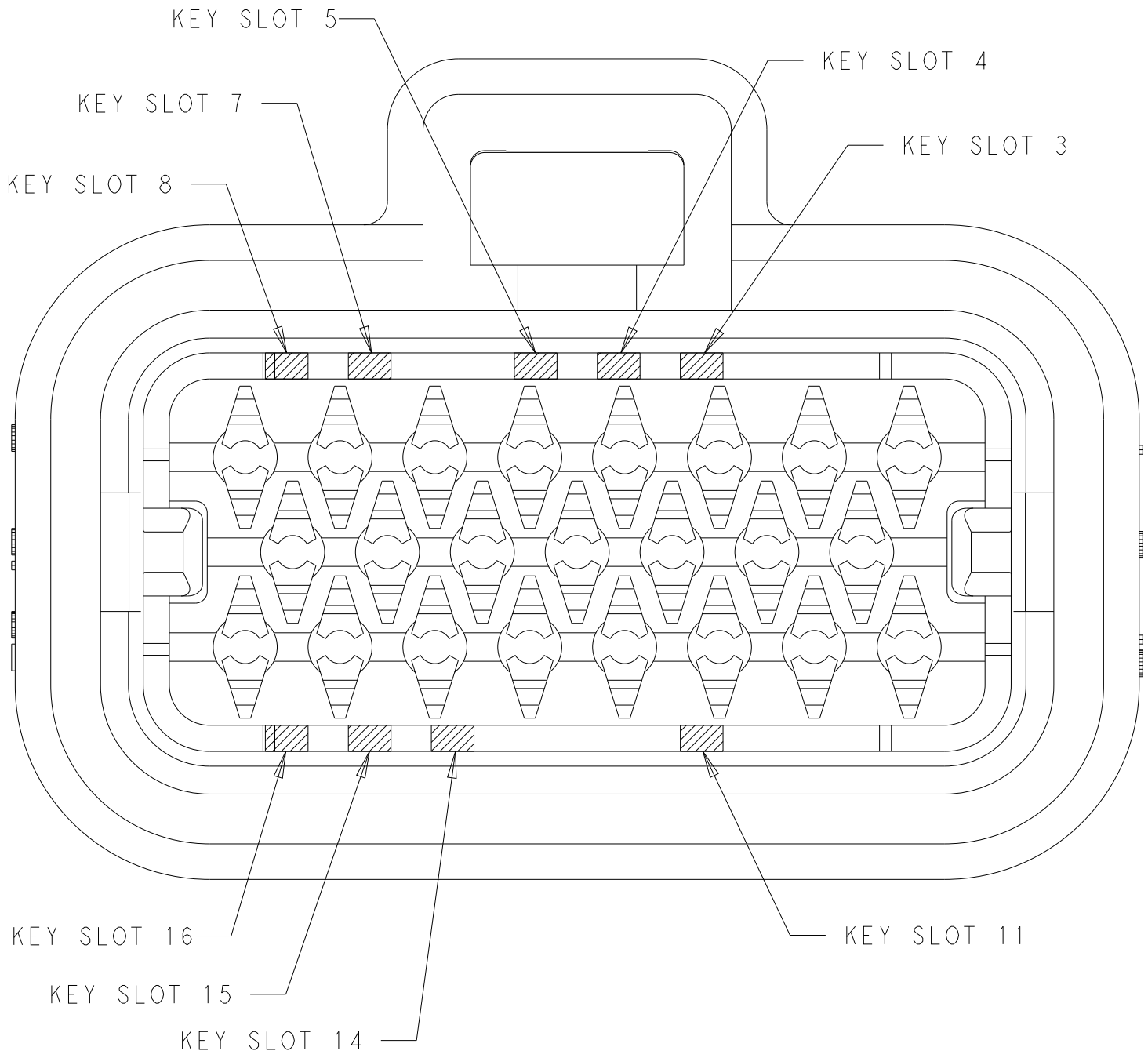
THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN D STRAUSSER		05JAN2021		 TE Connectivity				
DIMENSIONS:			CHK								
mm			TOLERANCES UNLESS OTHERWISE SPECIFIED:			APVD D STRAUSSER		3-2-22		NAME	
			0 PLC			±		PLUG ASSEMBLY, REDUCED WIRE SIZE			
			1 PLC			±0.2		AMPSEAL FAMILY DRAWING			
			2 PLC			±		-			
			3 PLC			±		-			
4 PLC			±			108-160402		SIZE			
ANGLES			±			APPLICATION SPEC		CAGE CODE		DRAWING NO	
FINISH			-			114-16016		A		00779	
MATERIAL			-			WEIGHT		©=2371886		RESTRICTED TO	
SEE NOTE 1			-			CUSTOMER DRAWING		SCALE 4:1		SHEET 1 OF 2	
										REV A3	

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



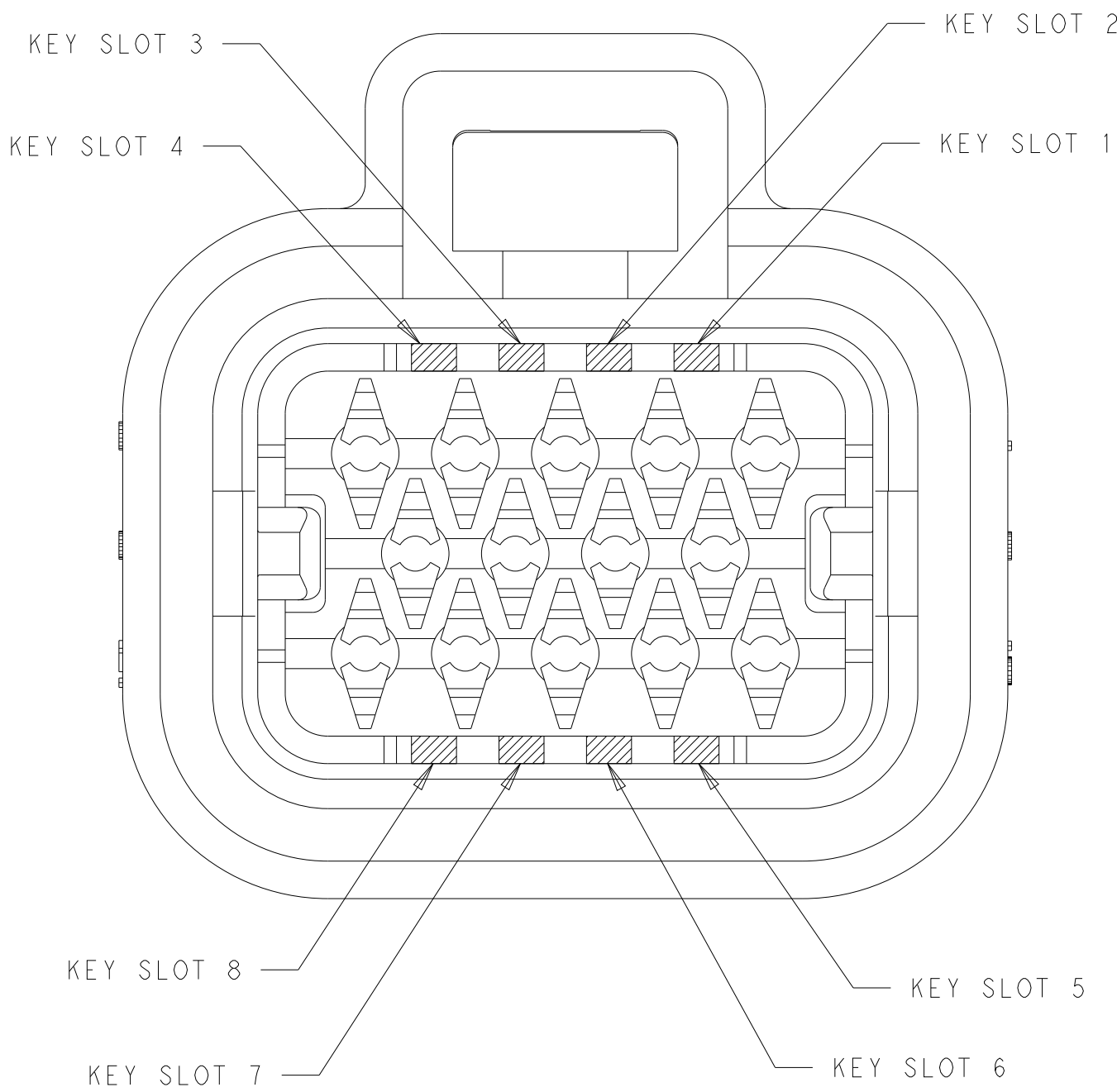
8-POSITION CONNECTOR
KEY SLOT LOCATIONS
SCALE 4:1

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



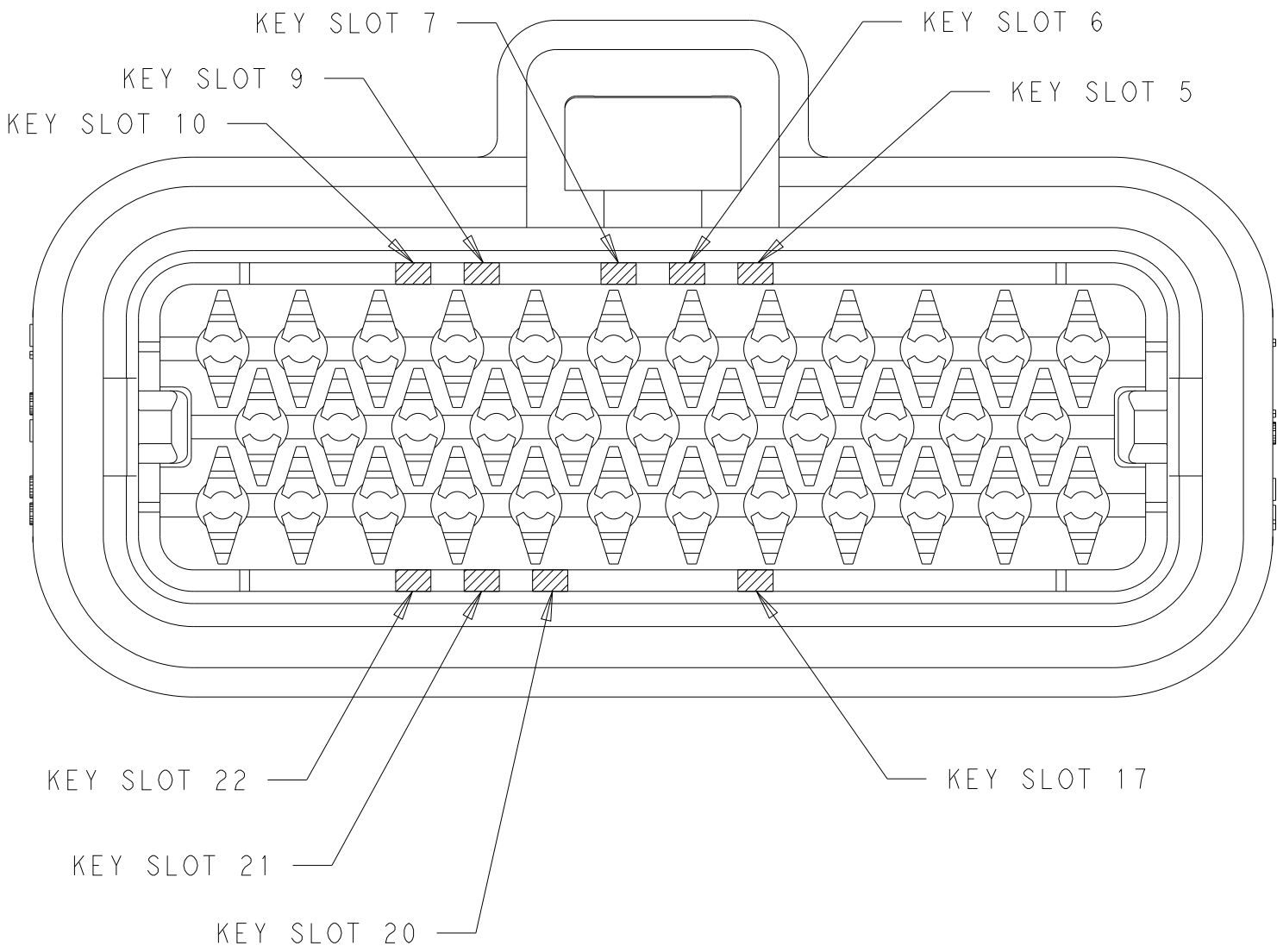
23-POSITION CONNECTOR
KEY SLOT LOCATIONS
SCALE 4:1

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



14-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



35-POSITION CONNECTOR
KEY SLOT LOCATIONS
SCALE 3:1

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
D STRAUSSER

CHK
D STRAUSSER

05JAN2021

03MAR2022

DIMENSIONS:

mm

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

±
±0.2
±
±
±
±
±

MATERIAL

-

SEE NOTE 1

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

±
±0.2
±
±
±
±
±

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

-

SCALE

1:1

SHEET

2

OF

2

REV

A3

TE Connectivity