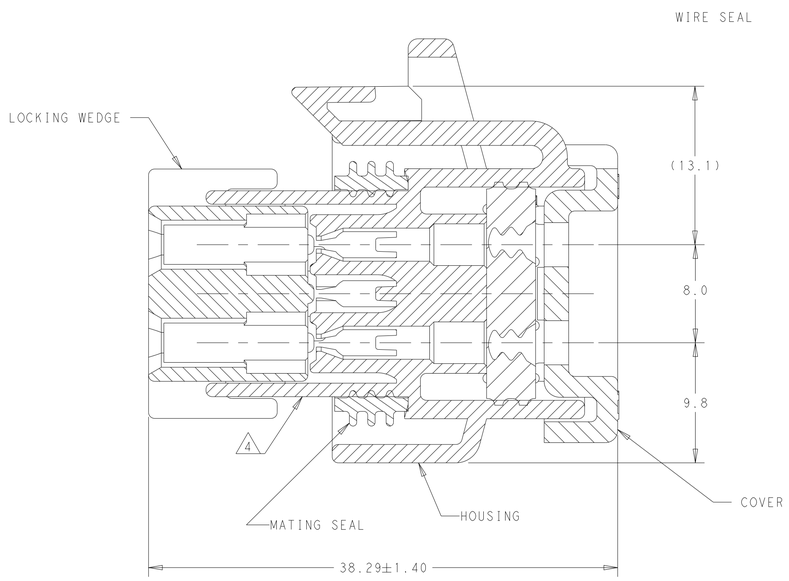
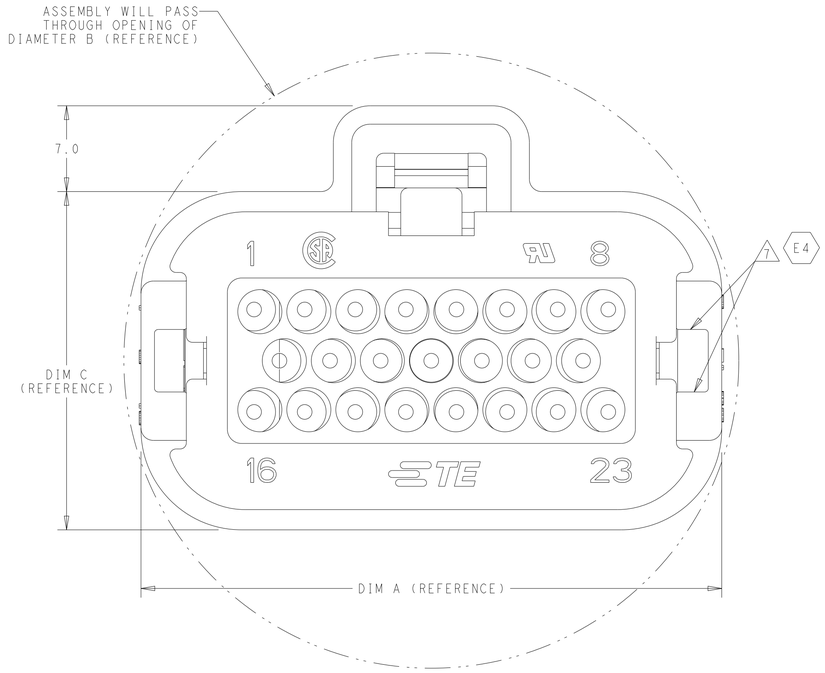
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 2015
© COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

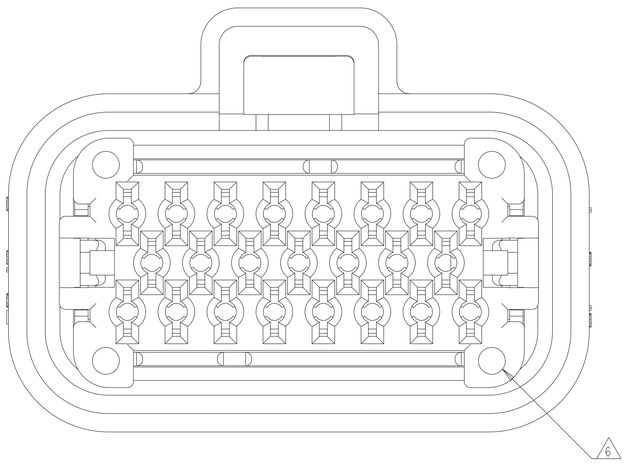
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	E2	ECR-23-179751	28JUN2023	DCS	DCS
	E3	ECR-24-229855	22JAN2025	QS	CB
	E4	ECR-25-244027	16JUN2025	QS	DK
	E5	ECR-26-276638	22APR2026	QS	HD





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

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
7. (E4) OPTIONAL STEP FEATURES ALLOWED ON BOTH OPENINGS OF THE PART

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

TABLE 1

MATING HEADER						
VERTICAL	RIGHT-ANGLE	WIRE SEAL COLOR	MATING SEAL COLOR	HOUSING COLOR	NO. OF POSITIONS	PART NUMBER
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		(5) 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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.2
2 PLC ±-
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL - SEE NOTE 1
FINISH - -

DWN A. MARTIN 11JUN2015
CHK D. STRAUSSER 29JUN2015
APVD G BROWN 29JUN2015
PRODUCT SPEC 108-1329
APPLICATION SPEC 114-16016
WEIGHT -

TE Connectivity

NAME PLUG ASSEMBLY, AMPSEAL FAMILY DRAWING -

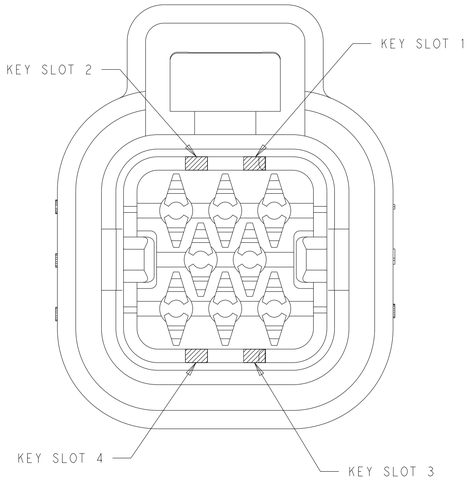
SIZE A1 | CAGE CODE 00779 | DRAWING NO C-2293782 | RESTRICTED TO -

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 2 | REV E5

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 2015
© COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

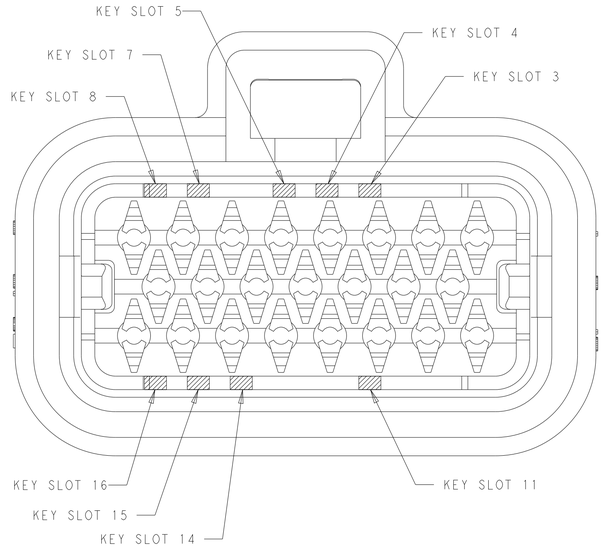
REVISIONS

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



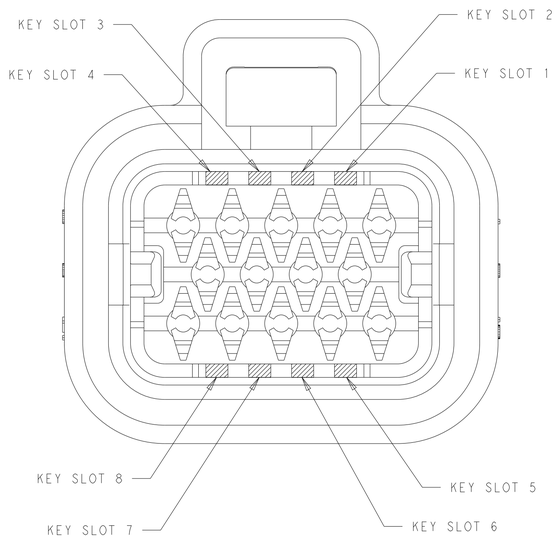
1 & 3	NATURAL	776286-2
2 & 4	BLACK	776286-1
KEY SLOT LOCATION (SEE VIEW ABOVE)	COLOR	PART NUMBER

8-POSITION CONNECTOR
KEY SLOT LOCATIONS
SCALE 4:1



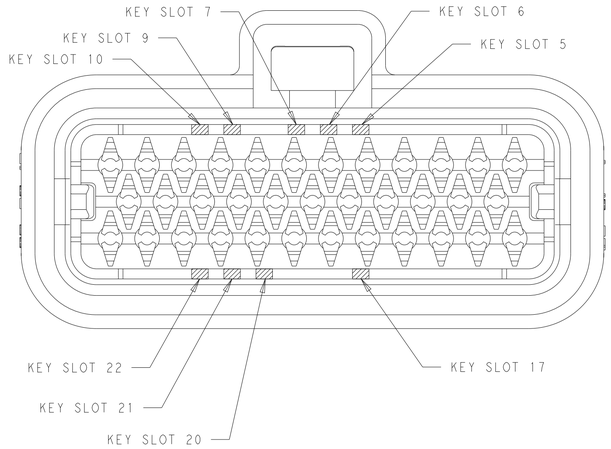
3, 8 & 16	BLUE	770680-5
7 & 15	GREY	770680-4
4 & 14	BLACK	770680-3
5 & 11	NATURAL	770680-2
4 & 14	BLACK	770680-1
KEY SLOT LOCATION (SEE VIEW ABOVE)	COLOR	PART NUMBER

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.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.2
2 PLC ±-
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL - SEE NOTE 1
FINISH - -

DWN A. MARTIN 11JUN2015
CHK D. STRAUSSER 29JUN2015
APVD G. BROWN 29JUN2015
PRODUCT SPEC 108-1329
APPLICATION SPEC 114-16016
WEIGHT -

TE Connectivity

NAME PLUG ASSEMBLY, AMPSEAL FAMILY DRAWING -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2293782	-

CUSTOMER DRAWING | SCALE 1:1 | SHEET 2 OF 2 | REV E5

4805 (3/13)