




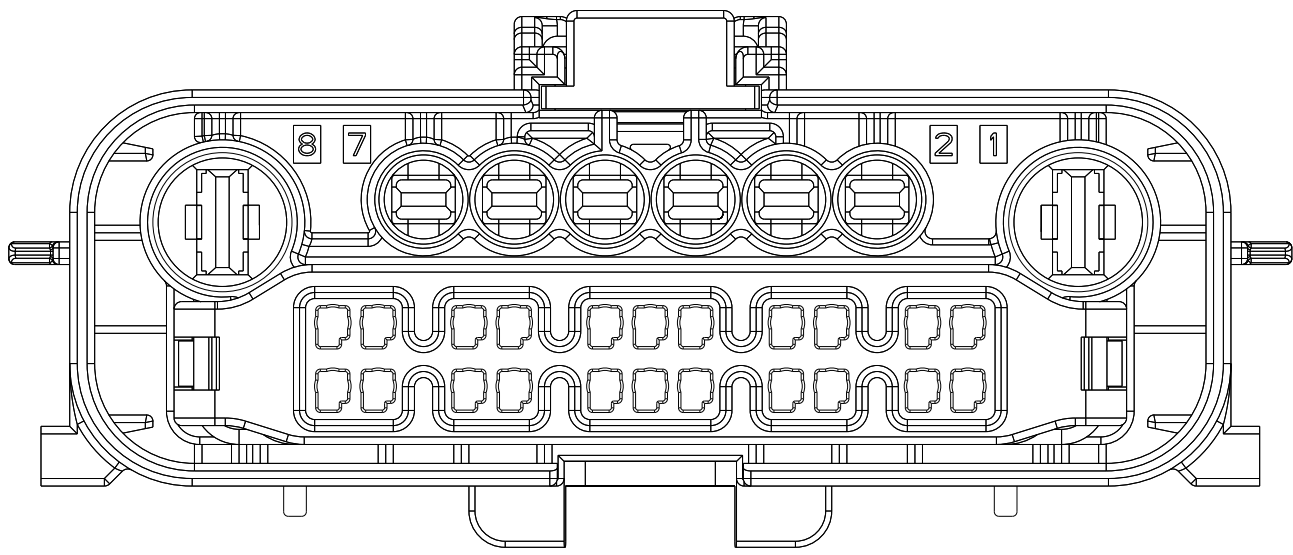
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
C12		REV PER ECN-23-201432	03MAR2023	CN	GK
C13		REV PER ECN-23-213135	22MAY2023	CN	GK
C14		REV PER ECN-23-222323	18JUL2023	CN	GK
C15		REV PER ECN-23-225107	04AUG2023	CN	GK

- NOTES:
- 1 MATERIAL:  
INNER HOUSING-PBT,30% GLASS FILLED,BLACK  
OUTER HOUSING-NYLON 6/6,35% GLASS FILLED,SEE TABLE FOR COLOR  
MAT SEAL-SILICONE RUBBER,INHERENTLY LUBRICATED,LT BLUE  
SEAL COVER-PBT,15% GLASS FILLED,BLACK  
ISL-PBT,30% GLASS FILLED,LT GRAY  
PIN PLATE-PBT,15% GLASS FILLED, WHITE  
CPA-PBT,15% GLASS FILLED,RED
2. 2301461-1 SHOWN IN GENERAL VIEWS.
- 3 ISL SHOWN IN PRE-SET,SHIPPING POSITION.  
DIMENSION SHOWN FROM ISL TO INNER HOUSING
- 4 CPA SHOWN IN PRE-SET, SHIPPING POSITION.
- 5 PIN PLATE SHOWN IN PRE-SET,SHIPPING POSITION.
- 6 JULIAN DATE CODE (YYDDD HH:MM:SS) AND ASSEMBLY PART NUMBER (XXXXXX-X)  
MARKED IN APPROXIMATE LOCATION.
- 7 IF SEATED IN SHIPPING, SEE INSTRUCTION SHEET 408-32159  
FOR INSTRUCTIONS TO RETURN TO SHIPPING POSITION.
8. MATES WITH TE PLUG ASSEMBLY: 2301462-X
9. CLIP SLOT PER EWCAP-005-23, 23mm CLIP SLOT
10. VOID CORE, CONSTRUCTION OPTIONAL

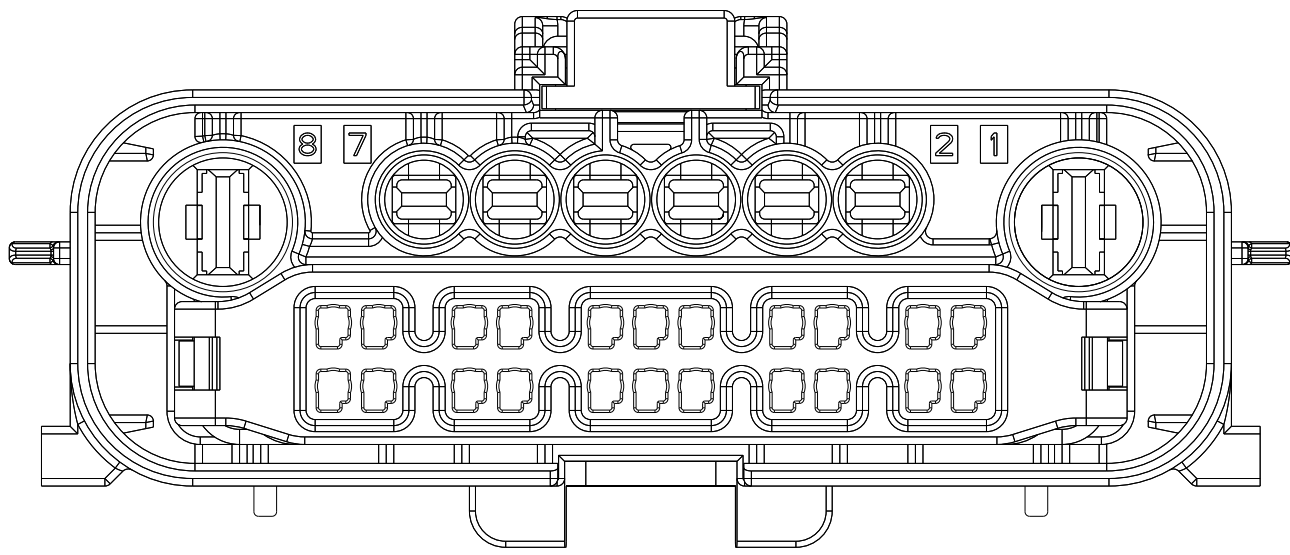
APPLICABLE COMPONENTS				
TERMINALS				
CIRCUITS	TERMINAL	MIN WIRE SIZE	MAX WIRE SIZE	PART #
1 AND 8	MCP 6.3	0.5mm <sup>2</sup>	1.0mm <sup>2</sup>	1-962917-1
		>1.0mm <sup>2</sup>	2.5mm <sup>2</sup>	1-962918-1
		4.0mm <sup>2</sup>		1-962919-1
2 - 7	MCP 2.8	0.5mm <sup>2</sup>	1.0mm <sup>2</sup>	1-962915-1
		>1.0mm <sup>2</sup>	2.5mm <sup>2</sup>	1-962916-1
9 - 30	MCON 1.2	0.35mm <sup>2</sup>		1718348-1
		0.5mm <sup>2</sup>	0.75mm <sup>2</sup>	1718350-1
WIRE SEALS				
CIRCUITS	TERMINAL	MIN WIRE O.D.	MAX WIRE O.D.	PART #
1 AND 8	MCP 6.3	1.4	2.0	2177018-1
		2.0	2.7	1394511-1
		2.7	3.0	1823111-1
		3.4	3.7	1394512-1
		4.0	4.5	1719043-1
2 - 7	MCP 2.8	1.4	2.0	828904-1
		2.2	3.0	828905-1
CAVITY PLUGS				
CIRCUITS	TERMINAL	PART #		
1 AND 8	MCP 6.3	967652-1		
2 - 7	MCP 2.8	828922-1		
9 - 30	MCON 1.2	2304518-1		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. HETRICK 18APR2016	 TE Connectivity	
		CHK R. HETRICK 18APR2016		
		APVD R. HETRICK 18APR2016		
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME	
mm			30P SEALED HYBRID CAP ASSEMBLY	
			PRODUCT SPEC	
			APPLICATION SPEC	
		0 PLC ±° 1 PLC ±0.5 2 PLC ±0.3 3 PLC ±° 4 PLC ±° ANGLES ±° FINISH	SIZE	
MATERIAL			CAGE CODE	
			DRAWING NO	
			A1 - C=2301461	
			RESTRICTED TO	
			-	
			CUSTOMER DRAWING	
			SCALE 3:2	
			SHEET 1 OF 5	
			REV C15	

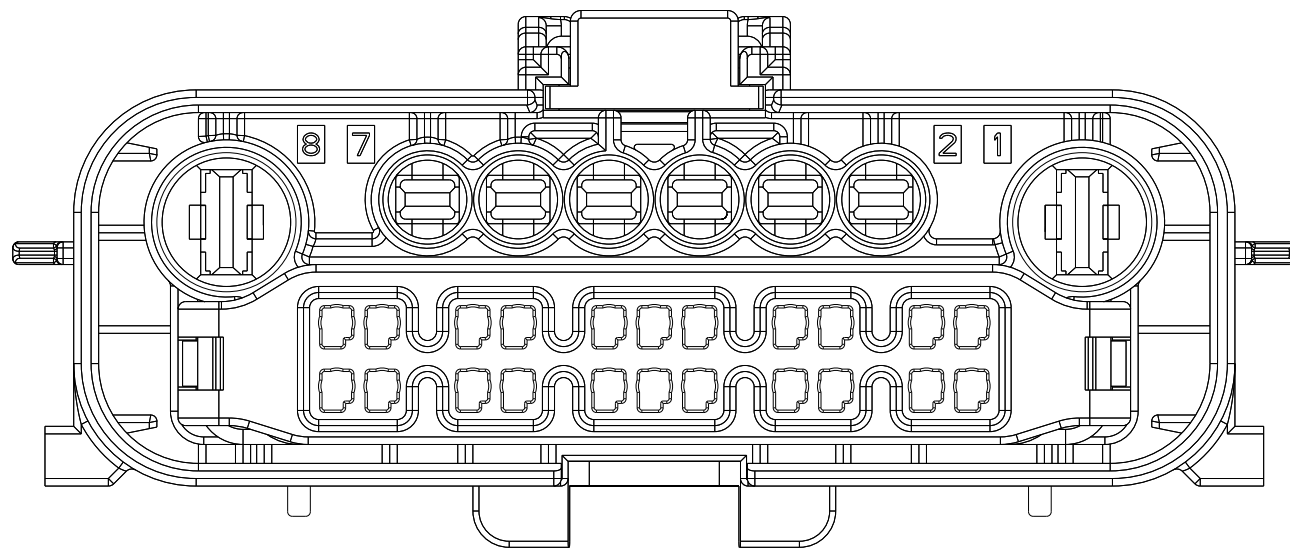
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-
-	-		-	-	-
-	-		-	-	-
-	-		-	-	-



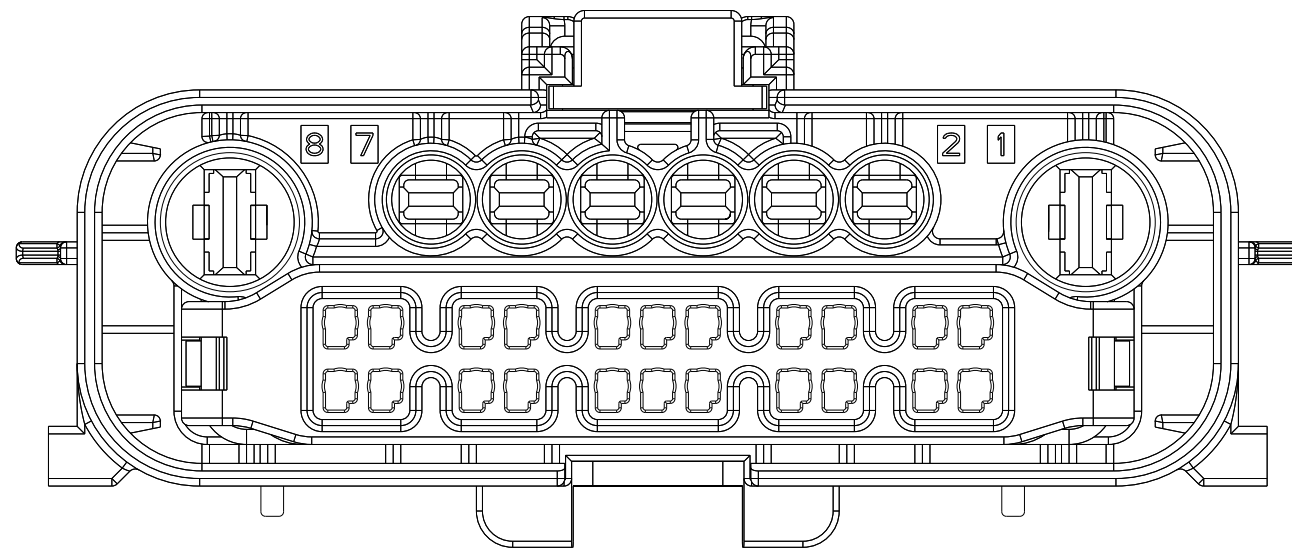
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KEY A - BLACK



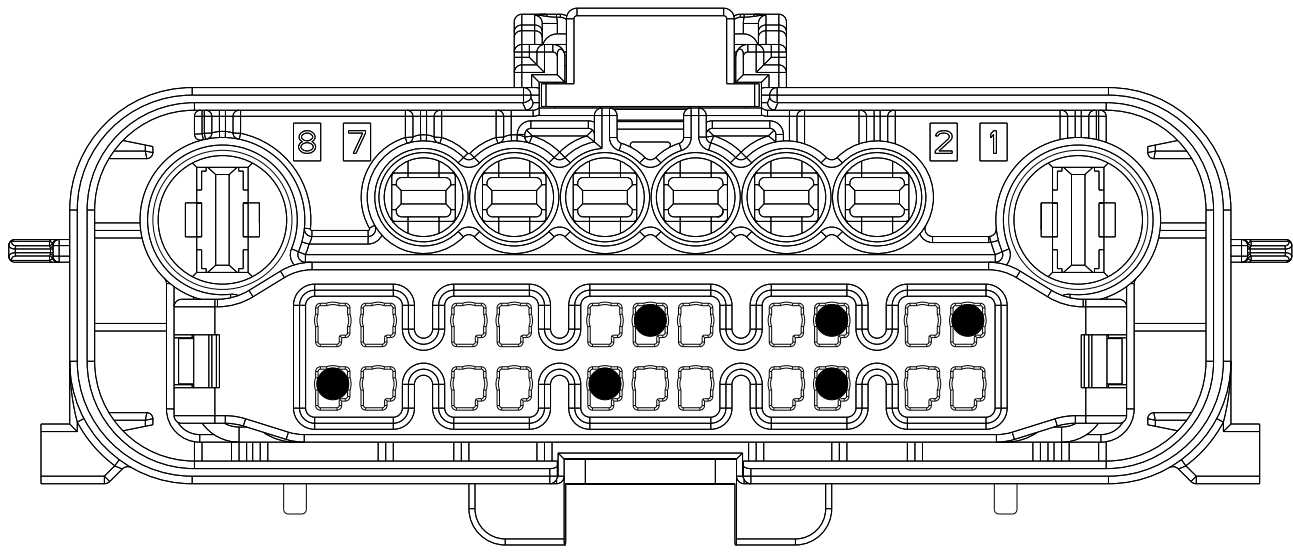
2301461-2  
KEY B - LT GRAY



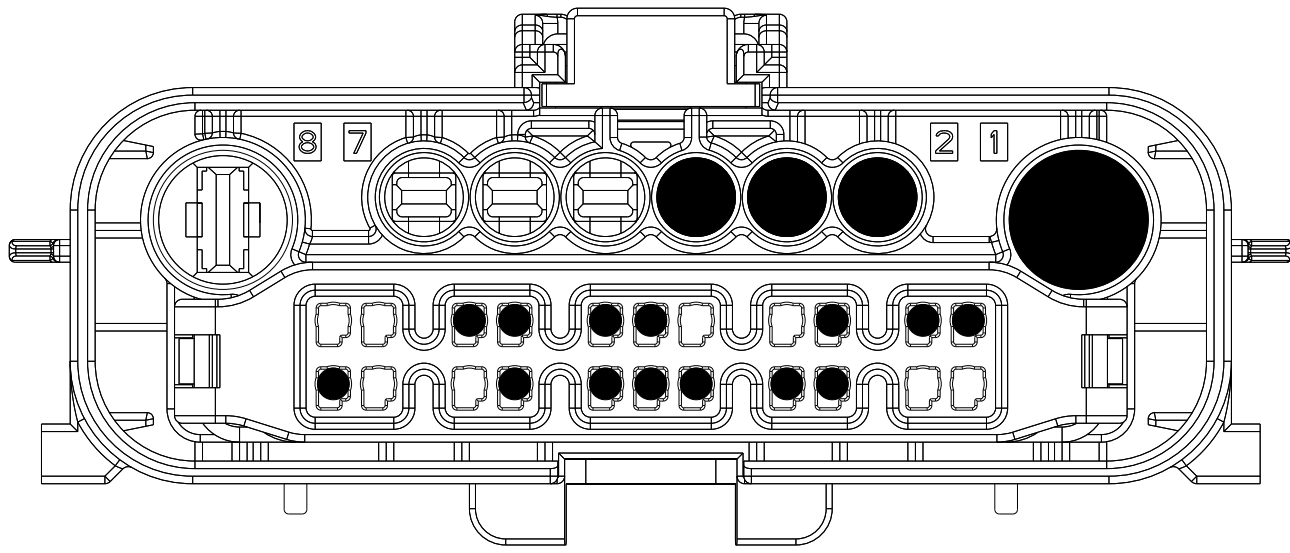
2301461-3  
KEY C - DK GRAY



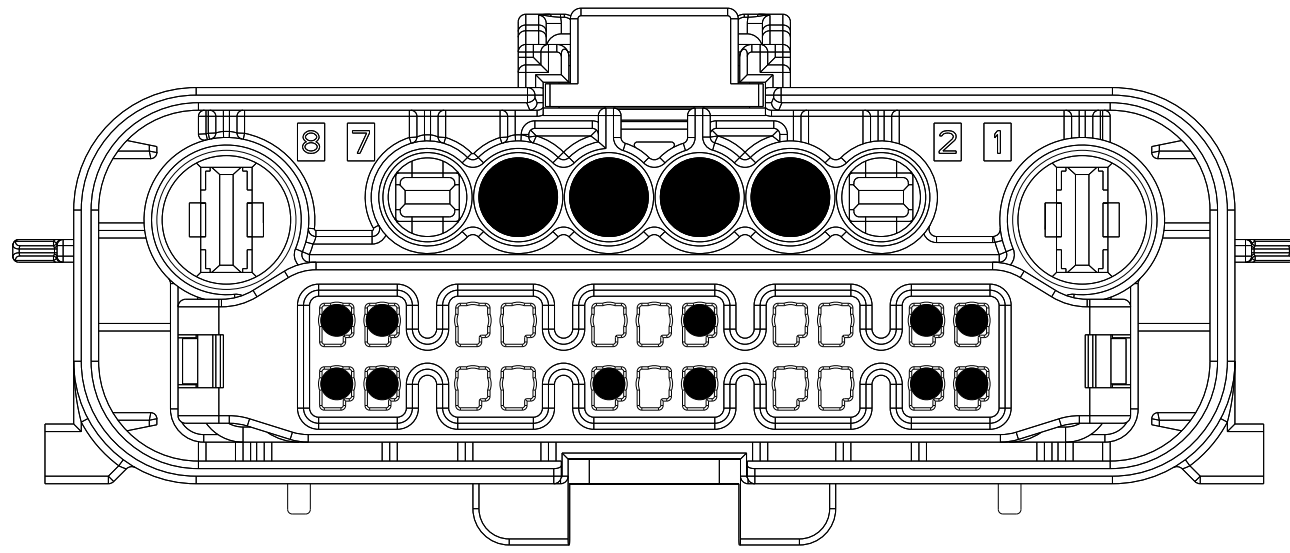
2301461-4  
KEY D - BLACK



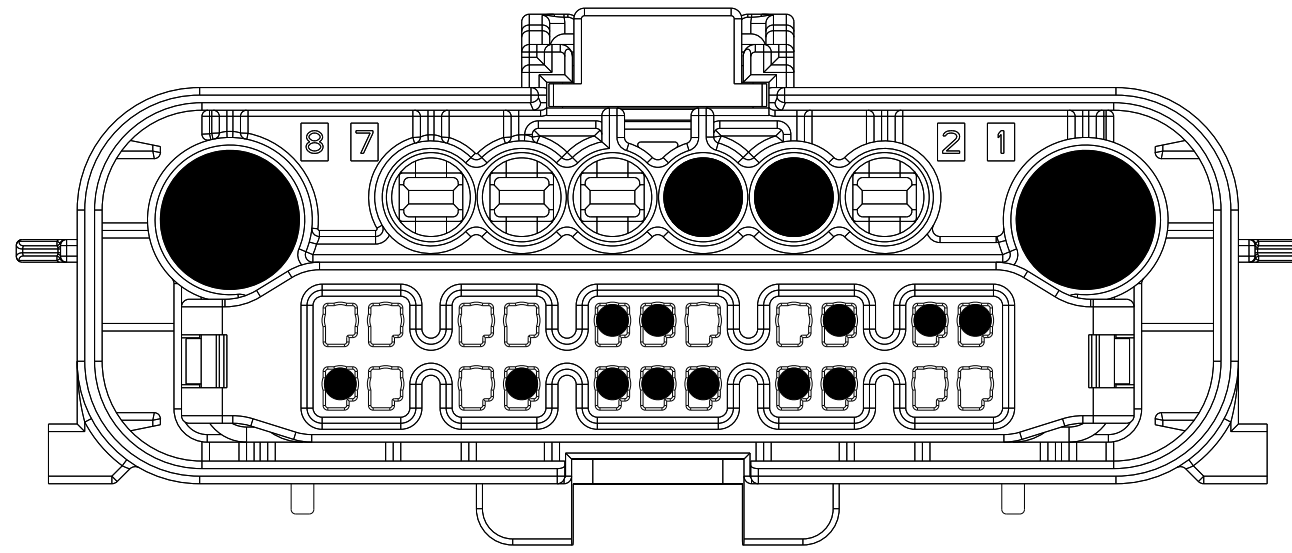
2301461-5  
KEY A - BLACK



2301461-6  
KEY A - BLACK



2301461-7  
KEY A - BLACK

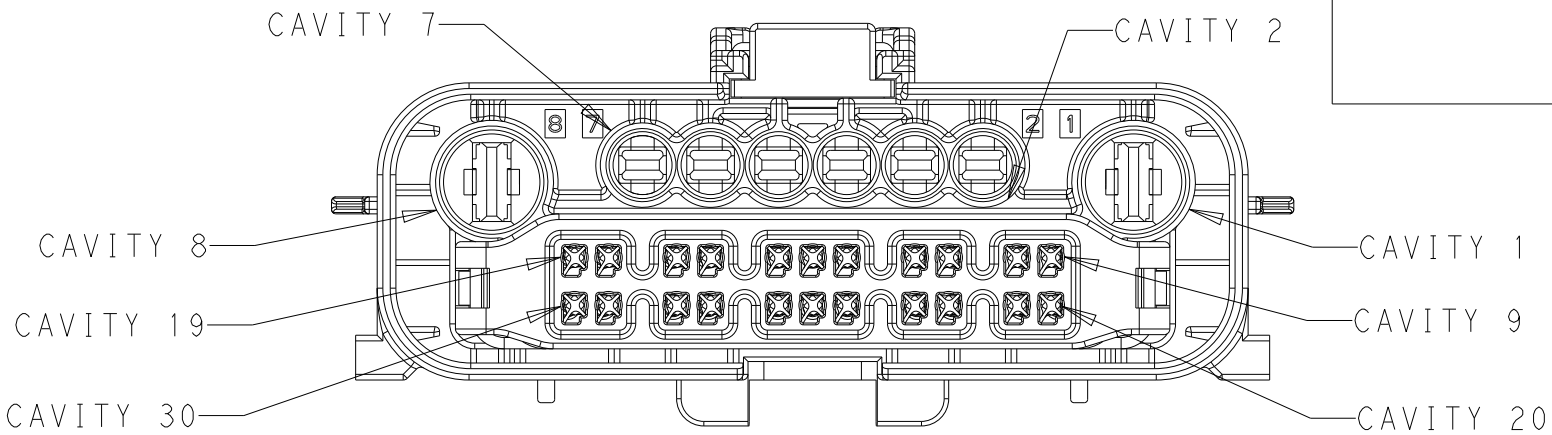


2301461-8  
KEY A - BLACK

CIRCUITS WITH SHADED CIRCLES ARE BLOCKED

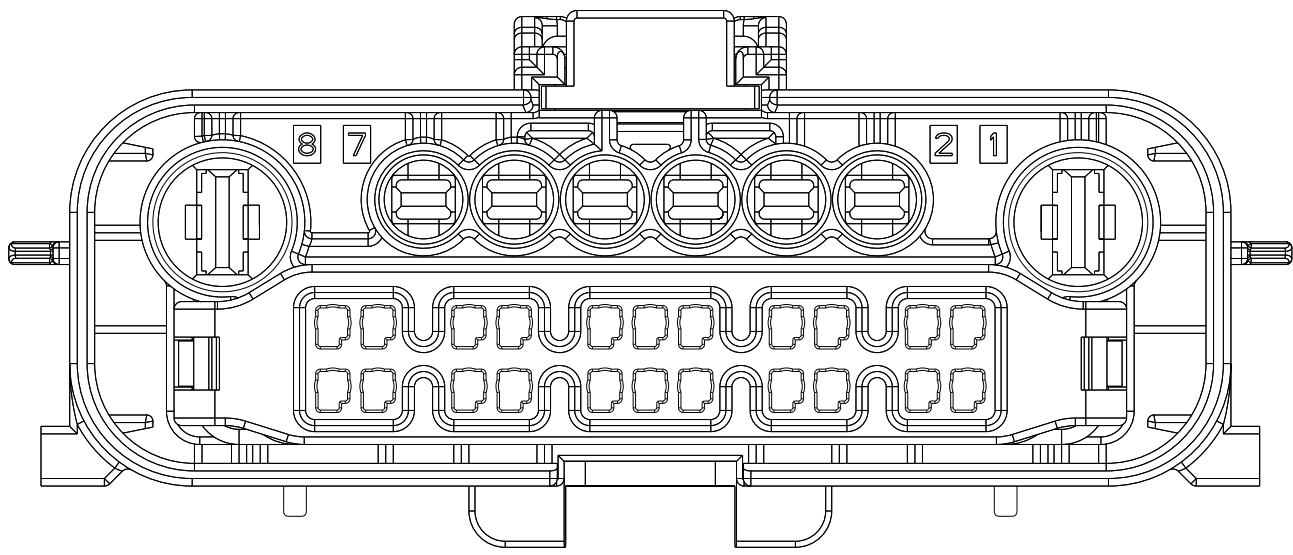
TOOLED	30			27	26	25	24	23	22							15	14			11	10	9	8				4	3		1	BLACK	A	2301461-8	
TOOLED	30	29			26		24			21	20	19	18					13			10	9			6	5	4	3			BLACK	A	2301461-7	
TOOLED	30			27	26	25	24	23	22					17	16	15	14			11	10	9					4	3	2	1	BLACK	A	2301461-6	
TOOLED	30				26				22								14			11		9									BLACK	A	2301461-5	
TOOLED																																BLACK	D	2301461-4
TOOLED																																DK GRAY	C	2301461-3
TOOLED																																LT GRAY	B	2301461-2
TOOLED																																BLACK	A	2301461-1
TOOLING STATUS	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	COLOR	KEY	ASSEMBLY PART #	
	TERMINAL HOLE POSITION CAVITIES WITH A NUMERIC SYMBOL INDICATES CLOSED TERMINAL LOCATION BLANK CAVITIES INDICATES OPEN TERMINAL HOLE LOCATIONS																																	

PIN OUT CHART

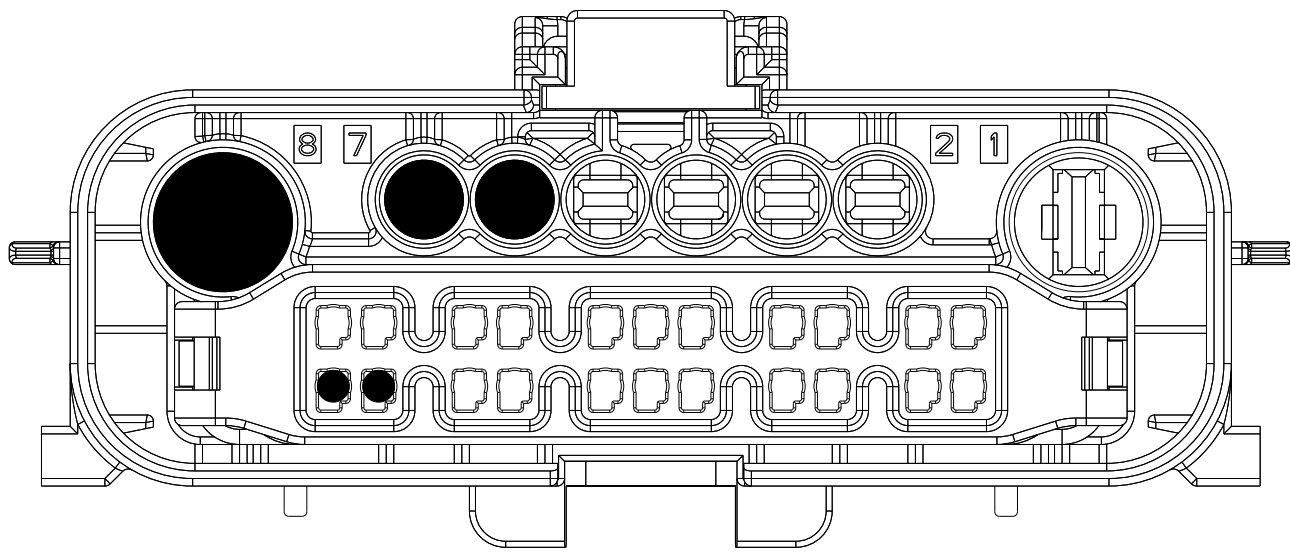


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. HETRICK 18APR2016	TE Connectivity	
DIMENSIONS:		CHK R. HETRICK 18APR2016		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD R. HETRICK 18APR2016	NAME 30P SEALED HYBRID CAP ASSEMBLY	
	0 PLC ±.5	PRODUCT SPEC	SIZE A1	
	1 PLC ±0.3	APPLICATION SPEC	CAGE CODE -	
MATERIAL	2 PLC ±.5	WEIGHT -	DRAWING NO C=2301461	
	3 PLC ±.5	CUSTOMER DRAWING	RESTRICTED TO -	
		4 PLC ±.5	SCALE 3:2	
		ANGLES ±3°	SHEET 2 OF 5	
		FINISH	REV C15	

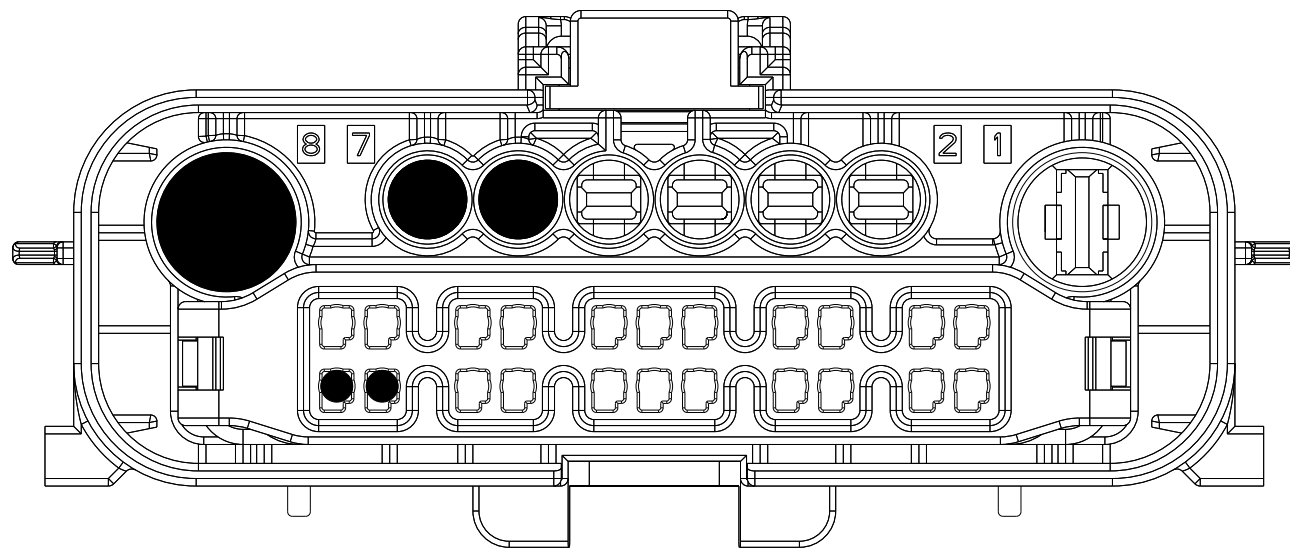
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-
-	-		-	-	-
-	-		-	-	-
-	-		-	-	-



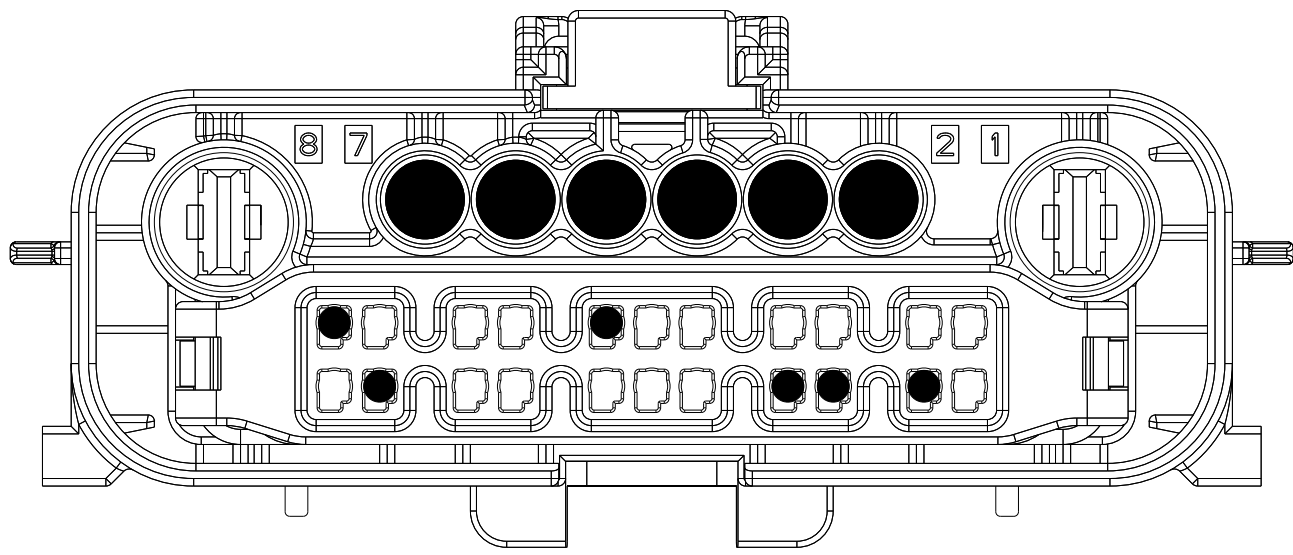
2301461-9  
KEY A - YELLOW



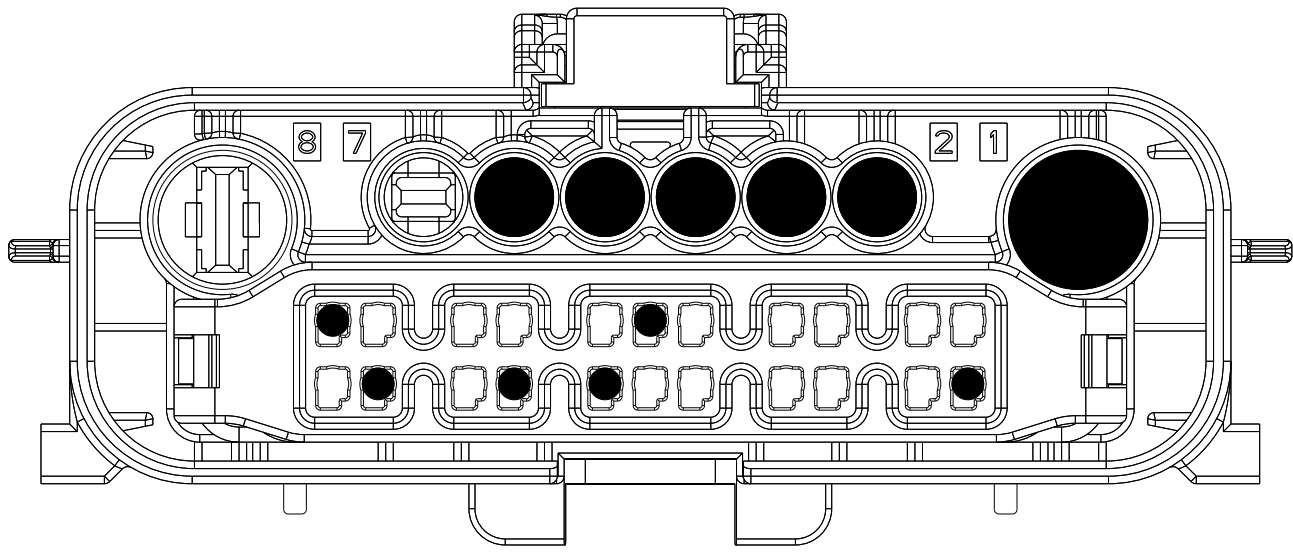
1-2301461-0  
KEY A - YELLOW



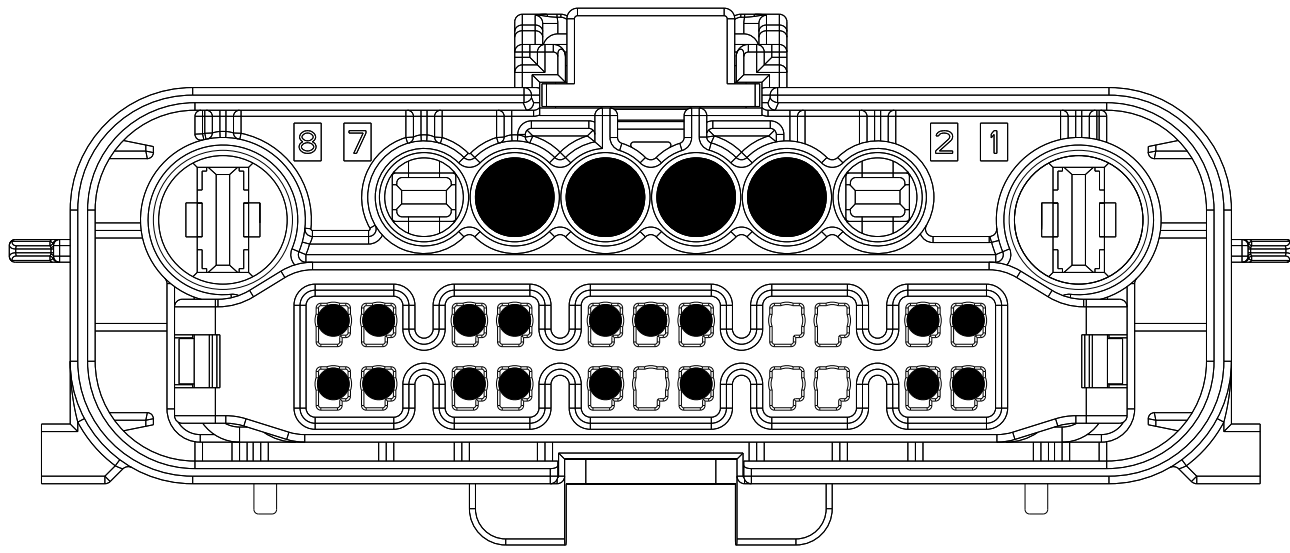
1-2301461-1  
KEY A - BLACK



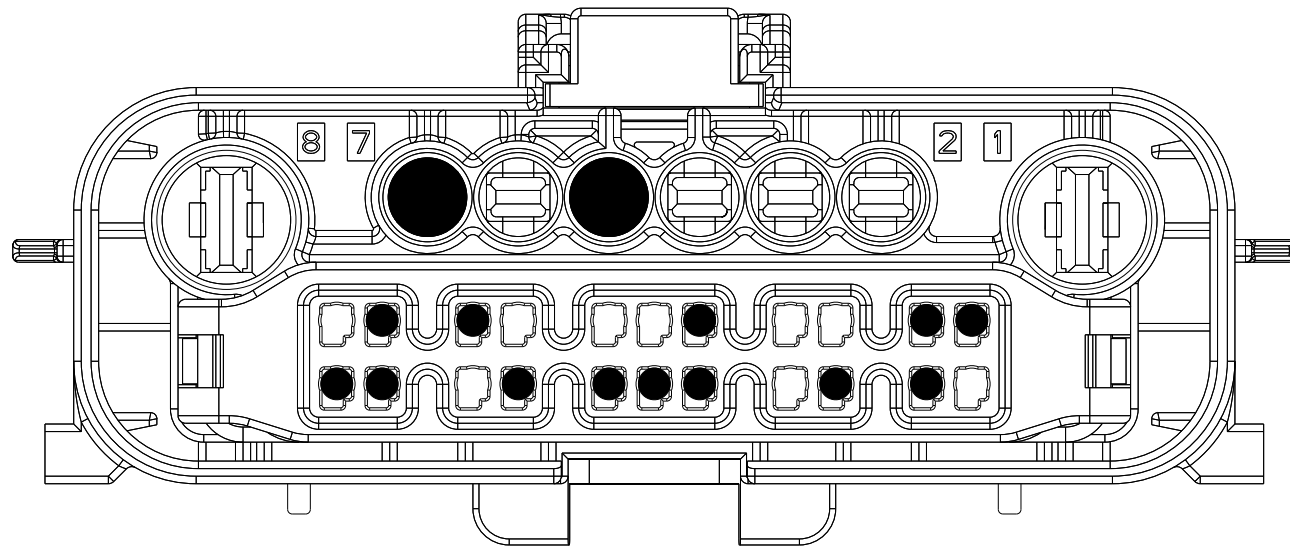
1-2301461-2  
KEY A - BLACK



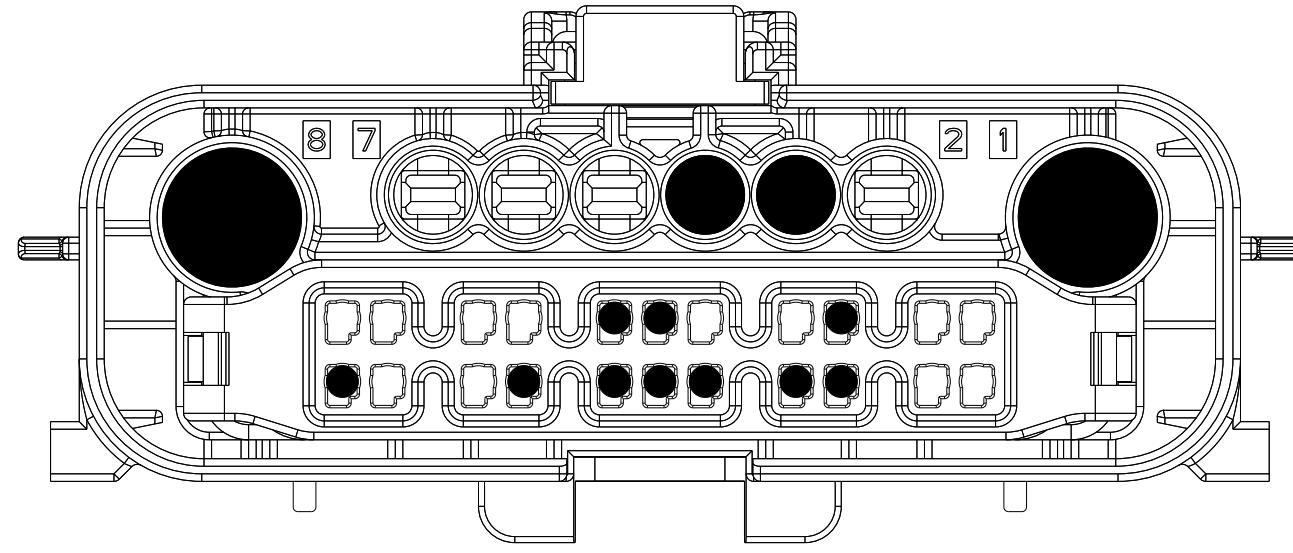
1-2301461-3  
KEY A - BLACK



1-2301461-4  
KEY B - LT GRAY



1-2301461-5  
KEY A - BLACK

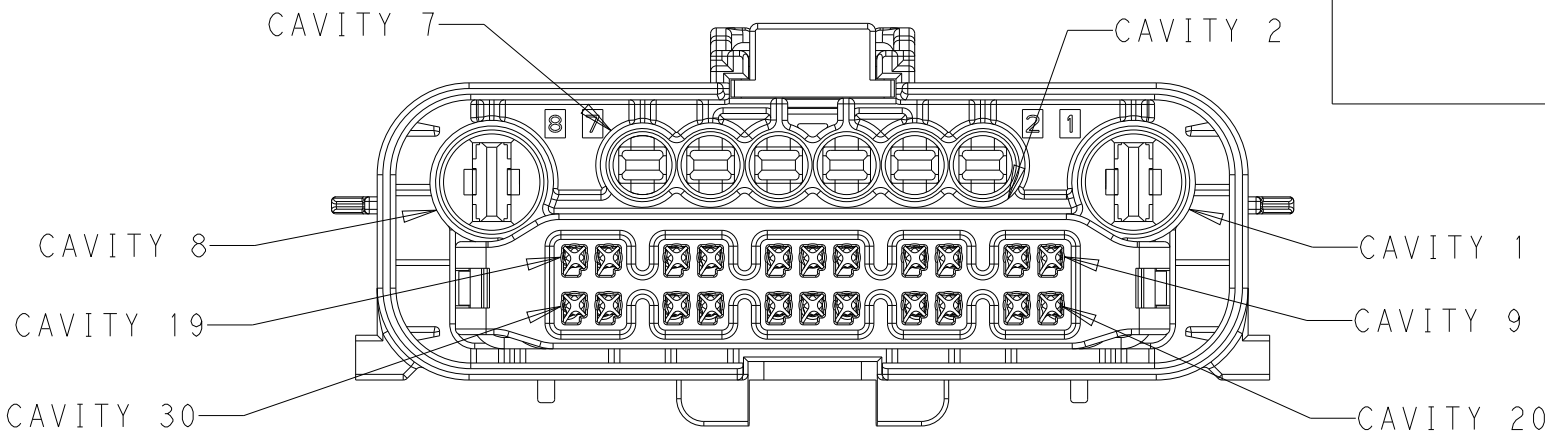


1-2301461-6  
KEY A - BLACK

CIRCUITS WITH SHADED CIRCLES ARE BLOCKED

TOOLED	30			27	26	25	24	23	22							15	14			11			8				4	3		1	BLACK	A	1-2301461-6
TOOLED	30	29		27	26	25	24		22	21			18	17				13			10	9		7		5					BLACK	A	1-2301461-5
TOOLED	30	29	28	27	26		24			21	20	19	18	17	16	15	14	13			10	9			6	5	4	3			LT GRAY	B	1-2301461-4
TOOLED		29		27	26						20	19					14								6	5	4	3	2	1	BLACK	A	1-2301461-3
TOOLED		29						23	22	21		19				15								7	6	5	4	3	2		BLACK	A	1-2301461-2
TOOLED	30	29																					8	7	6						BLACK	A	1-2301461-1
TOOLED	30	29																					8	7	6						YELLOW	A	1-2301461-0
TOOLED																															YELLOW	A	2301461-9
TOOLING STATUS	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	COLOR	KEY	ASSEMBLY PART #
	TERMINAL HOLE POSITION CAVITIES WITH A NUMERIC SYMBOL INDICATES CLOSED TERMINAL LOCATION BLANK CAVITIES INDICATES OPEN TERMINAL HOLE LOCATIONS																																

PIN OUT CHART

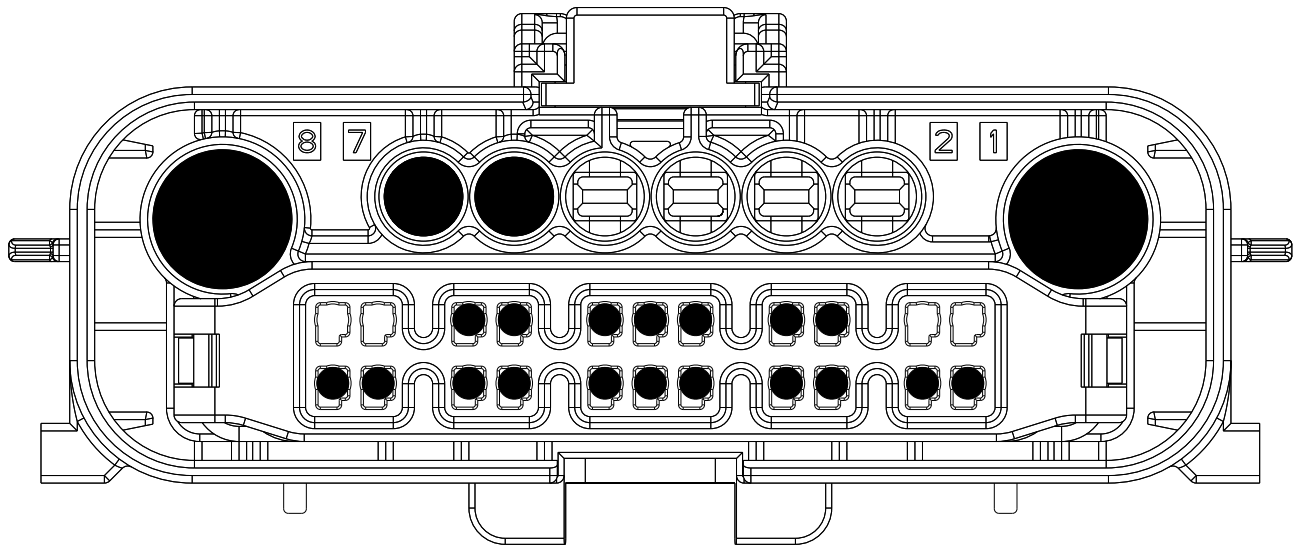


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. HETRICK 18APR2016		
		CHK R. HETRICK 18APR2016		
		APVD R. HETRICK 18APR2016		
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME 30P SEALED HYBRID CAP ASSEMBLY	
mm		0 PLC ±.5 1 PLC ±0.5 2 PLC ±0.3 3 PLC ±. 4 PLC ±. ANGLES ±3° FINISH	PRODUCT SPEC	
			APPLICATION SPEC	
MATERIAL			WEIGHT	
			CUSTOMER DRAWING	
			SIZE A1	
			CAGE CODE -	
			DRAWING NO C=2301461	
			RESTRICTED TO -	
			SCALE 3:2	
			SHEET 3 OF 5	
			REV C15	

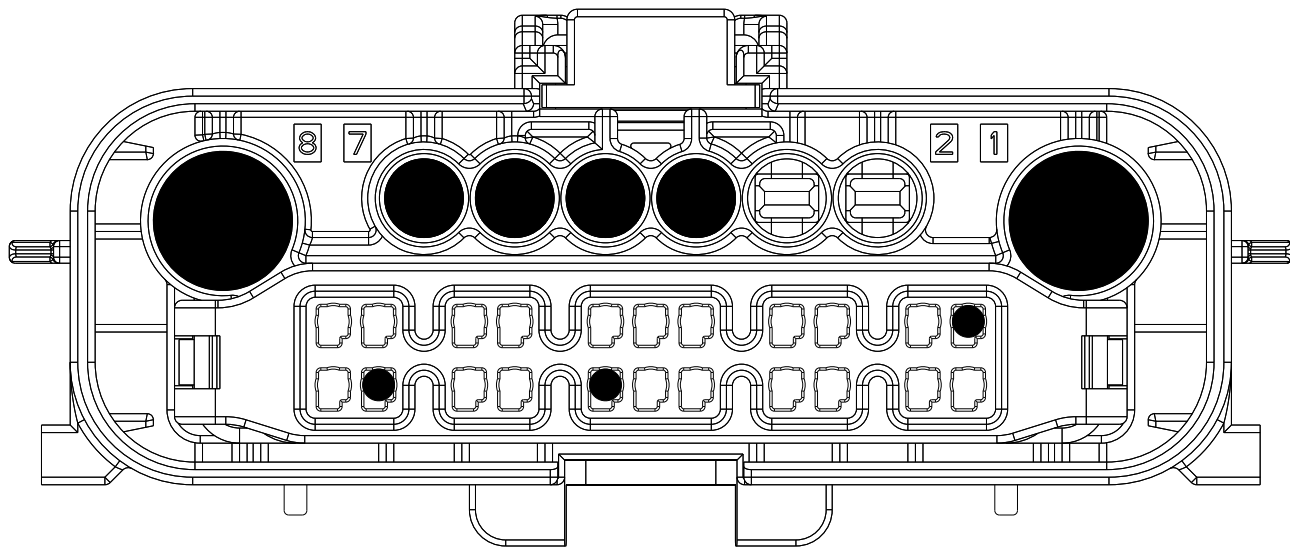




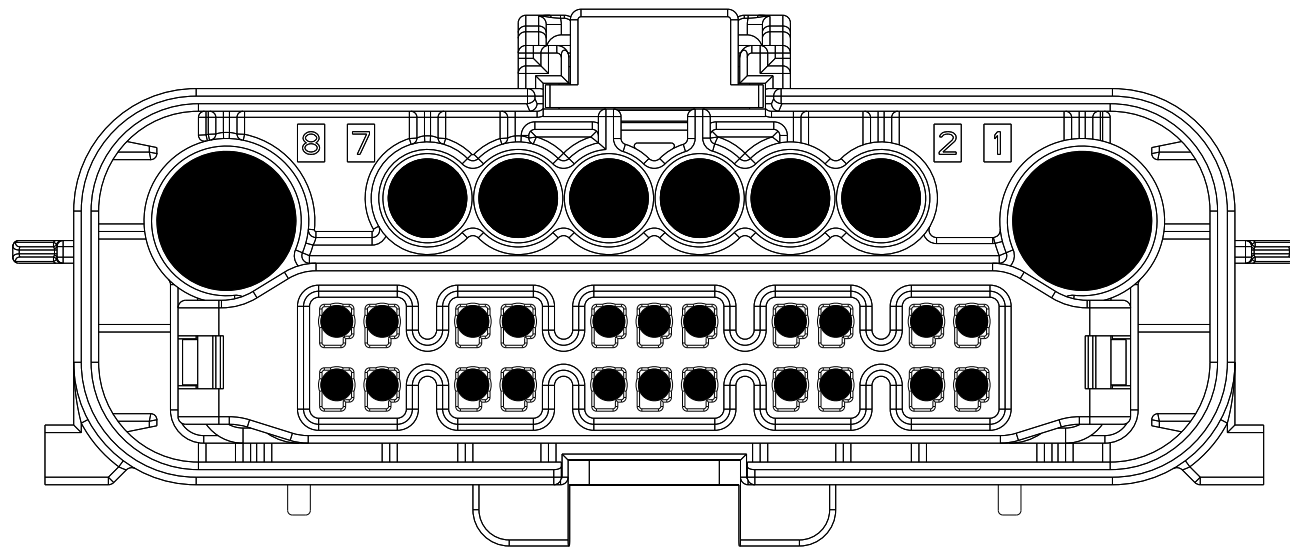
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-
-	-		-	-	-
-	-		-	-	-
-	-		-	-	-



2-2301461-5  
KEY A - BLACK



2-2301461-6  
KEY A - BLACK

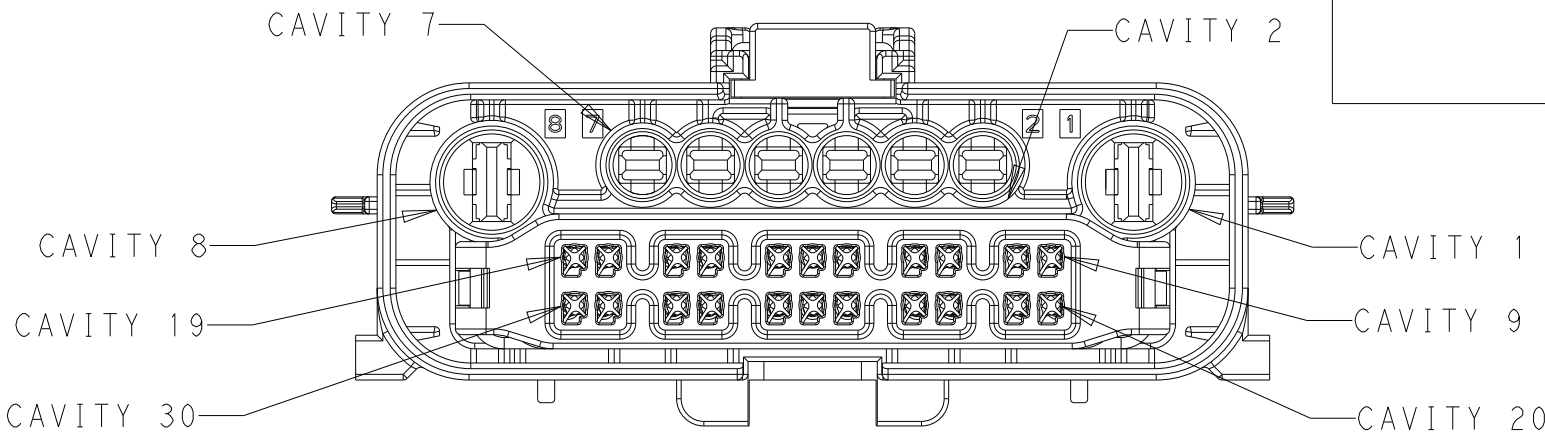


9-2301461-9  
KEY A - BLACK

CIRCUITS WITH SHADED CIRCLES ARE BLOCKED

TOOLED	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	BLACK	A	9-2301461-9
TOOLED		29			26																	9	8	7	6	5	4			1	BLACK	A	2-2301461-6
TOOLED	30	29	28	27	26	25	24	23	22	21	20			17	16	15	14	13	12	11			8	7	6					1	BLACK	A	2-2301461-5
TOOLING STATUS	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	COLOR	KEY	ASSEMBLY PART #
	TERMINAL HOLE POSITION CAVITIES WITH A NUMERIC SYMBOL INDICATES CLOSED TERMINAL LOCATION BLANK CAVITIES INDICATES OPEN TERMINAL HOLE LOCATIONS																																

PIN OUT CHART



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.5  
1 PLC ±0.5  
2 PLC ±0.3  
3 PLC ±.  
4 PLC ±.  
ANGLES ±3°  
FINISH

MATERIAL

DWN R. HETRICK 18APR2016  
CHK R. HETRICK 18APR2016  
APVD R. HETRICK 18APR2016

PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

NAME 30P SEALED HYBRID CAP ASSEMBLY

SIZE A1

CAGE CODE -

DRAWING NO. 2301461

RESTRICTED TO -

SCALE 3:2

SHEET 5 OF 5

REV C15

TE Connectivity