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1. PART NUMBER 1488991-5 SHOWN ON DRAWING.

2. TPA AND CPA (WHEN APPLICABLE) ARE SHIPPED IN THEIR PRE-LATCHED POSITIONS. SEE INSTRUCTION SHEET 408-8928 FOR DIRECTIONS ON MOVING THE CPA AND TPA TO THE PRE-LATCHED POSITION, IF NECESSARY.

3. TERMINALS SOLD SEPARATELY. FOR USE WITH TE CONNECTIVITY MCON 1.2mm CLEAN BODY CONTACT WITH WIRE SEAL. SEE MCON 1.2-CB (CLEAN BODY) TABLE FOR APPLICABLE PART NUMBERS.

4. APPLICABLE HEADER INTERFACE DRAWING 1488738 IS AVAILABLE UPON REQUEST. A COPY OF THIS DRAWING CAN BE OBTAINED FROM THE TE CONNECTIVITY PRODUCT MANAGER, VIA YOUR TE CONNECTIVITY SALES REPRESENTIVE OR CUSTOMER SERVICE.

5. MINIMUM FEED THROUGH CONDITION WITH 0.5mm CLEARANCE ALL AROUND.

6. A "X" IN THIS TABLE INDICATES THAT THE TERMINAL CAVITY IS BLOCKED AND WILL NOT ALLOW INSETION OF THE MATING TERMINAL A "O" IN THIS TABLE INDICATES THAT THE TERMINAL CAVITY IS OPEN AND WILL ALLOW INSERTION OF THE MATING TERMINAL.

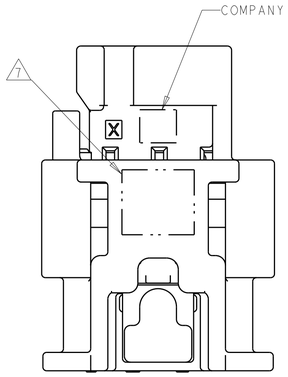
7. TRACEABILITY PRINTED IN THIS LOCATION AT ASSEMBLY.

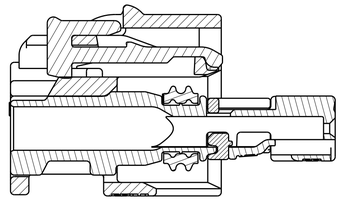
8. CONNECTOR SYSTEM MEETS THE REQUIREMENTS OF USCAR-2, REVISION 3, EXCEPT WHERE NOTED:
   - TPA ENGAGE AND DISENGAGE FORCES ARE 10N MIN - 30N MAX.
   - PRIMARY TERMINAL-CONNECTOR FORCE IS 30N MIN.
   - SECONDARY TERMINAL-CONNECTOR FORCE IS 75N MIN.
   - CPA ENGAGE AND DISENGAGE FORCES (WITH MATING CONNECTOR) ARE 30N MAX.
   - CPA REMOVAL FORCE FROM CONNECTOR IS 15N MIN.

9. FOR OPTIONAL TERMINAL CAVITY BLOCKING, USE TE CONNECTIVITY BLIND PLUG PART NUMBER: 967056-1.

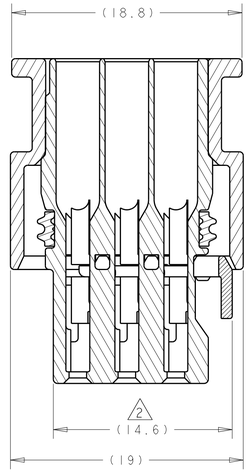
10. TERMINAL 1670146-X REPLACES 1418847-X

11. REFERENCE ISOMETRIC VIEWS ON SHEET 2.

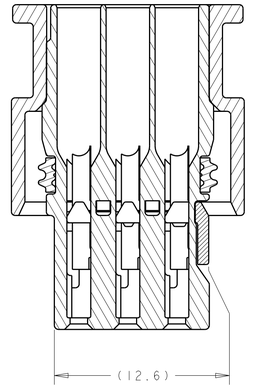




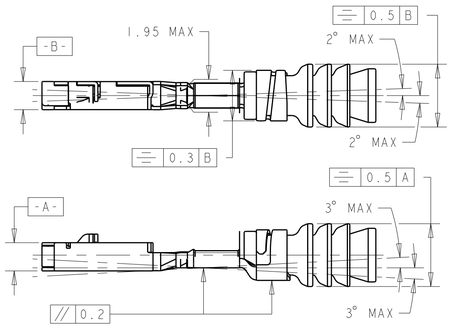
SECTION B-B
SHOWN WITH CPA (WHEN APPLICABLE) IN IT'S LATCHED POSITION FOR REFERENCE ONLY

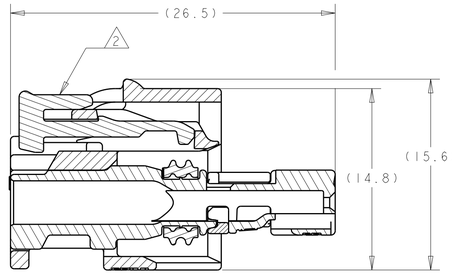


SECTION A-A

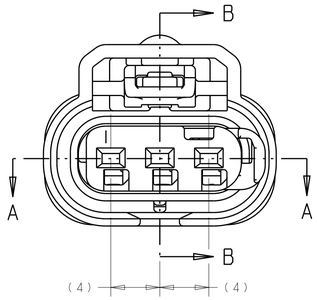


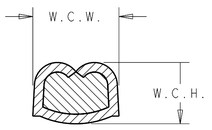
SECTION A-A
SHOWN WITH TPA IN IT'S LATCHED POSITION FOR REFERENCE ONLY



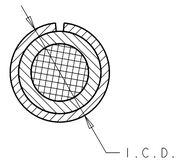


SECTION B-B



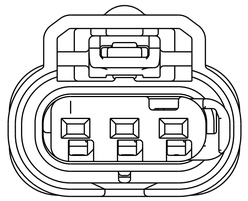


WIRE CRIMP DIMENSIONS

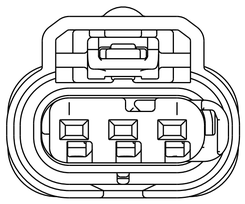


INSULATION CRIMP DIMENSIONS

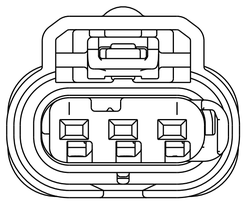
KEYING CONFIGURATIONS



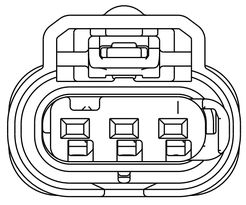
KEYING OPTION A



KEYING OPTION B

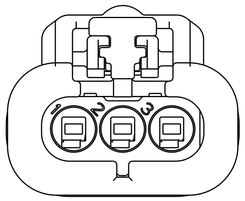


KEYING OPTION C

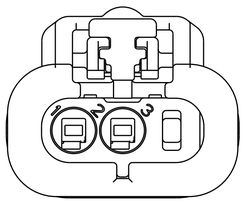


KEYING OPTION D

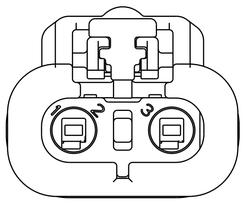
TERMINAL CAVITY CONFIGURATIONS



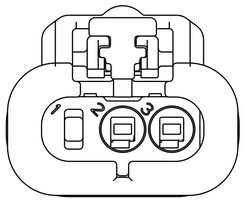
ALL TERMINAL CAVITIES OPEN



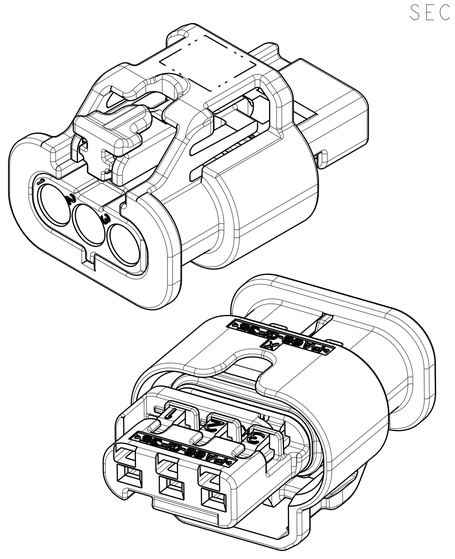
TERMINAL CAVITY #3 CLOSED



TERMINAL CAVITY #2 CLOSED



TERMINAL CAVITY #1 CLOSED



ISOMETRIC VIEWS

MCON 1.2-CB (CLEAN BODY)								
1418844-3	SILVER	3.3 ±0.3	22	1.2 TO 1.4	0.86 ±0.03	1.27 ±0.05	3.15±0.05	967067-2
1418844-2	GOLD							
1418844-1	TIN							
1670146-3	SILVER	3.6 ±0.3	20	1.4 TO 1.9	0.84 ±0.03	1.57 ±0.05	3.25±0.05	967067-1
1670146-2	GOLD							
1670146-1	TIN							
1418850-3	SILVER	3.6 ±0.3	18	1.9 TO 2.4	1.11 ±0.05	1.78 ±0.05	3.35±0.05	964972-1
			16		1.31 ±0.05			
1418850-2	GOLD		18		1.11 ±0.05			
			16		1.31 ±0.05			
1418850-1	TIN		18		1.11 ±0.05			
			16		1.31 ±0.05			
PART NUMBER	PLATING	WIRE STRIP LENGTH	AWG	INSL. RANGE	W.C.H.	W.C.W.	I.C.D.	WIRE SEAL PART NUMBER

10

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	F8	REVISED PER ECO-13-001652	12FEB2013	DLD	SLM
	F9	REVISED PER ECO-15-002909	25FEB2015	DLD	SLM
	F10	REVISED PER ECO-15-011380	05AUG2015	DLD	SLM

STATUS	CPA 11	COLOR	KEY	CAVITY 1	CAVITY 2	CAVITY 3	PART NUMBER
		INNER HOUSING		TERMINAL CAVITY CONFIGURATION 6			
RELEASED	2138907-1	GRAY	D	O	O	O	4-1488991-4
RELEASED	2138907-1	BLUE	C	O	O	O	4-1488991-3
RELEASED	2138907-1	NATURAL	B	O	O	O	4-1488991-2
RELEASED	2138907-1	BLACK	A	O	O	O	4-1488991-1
NOT RELEASED	1488787-1	GRAY	D	X	O	O	3-1488991-2
	1488787-1	BLUE	C				3-1488991-1
	1488787-1	NATURAL	B				3-1488991-0
	1488787-1	BLACK	A				2-1488991-9
RELEASED	N/A	GRAY	D	X	O	O	2-1488991-8
NOT RELEASED	N/A	BLUE	C				2-1488991-7
	N/A	NATURAL	B				2-1488991-6
RELEASED	N/A	BLACK	A				2-1488991-5
NOT RELEASED	1488787-1	GRAY	D	O	X	O	2-1488991-4
	1488787-1	BLUE	C				2-1488991-3
	1488787-1	NATURAL	B				2-1488991-2
	1488787-1	BLACK	A				2-1488991-1
NOT RELEASED	N/A	GRAY	D	O	X	O	2-1488991-0
	N/A	BLUE	C				1-1488991-9
	N/A	NATURAL	B				1-1488991-8
	N/A	BLACK	A				1-1488991-7
NOT RELEASED	1488787-1	GRAY	D	O	O	X	1-1488991-6
	1488787-1	BLUE	C				1-1488991-5
	1488787-1	NATURAL	B				1-1488991-4
	1488787-1	BLACK	A				1-1488991-3
NOT RELEASED	N/A	GRAY	D	O	O	X	1-1488991-2
	N/A	BLUE	C				1-1488991-1
	N/A	NATURAL	B				1-1488991-0
	N/A	BLACK	A				1488991-9
RELEASED	1488787-1	GRAY	D	O	O	O	1488991-8
RELEASED	1488787-1	BLUE	C				1488991-7
RELEASED	1488787-1	NATURAL	B				1488991-6
RELEASED	1488787-1	BLACK	A				1488991-5
RELEASED	N/A	GRAY	D	O	O	O	1488991-4
RELEASED	N/A	BLUE	C				1488991-3
RELEASED	N/A	NATURAL	B				1488991-2
RELEASED	N/A	BLACK	A				1488991-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.3
2 PLC ±0.10
3 PLC ±-
4 PLC ±-
ANGLES ±1°

MATERIAL - SEE TABLE
FINISH - -

DWN M. FORISKA 08MAR2004
CHK G. MARTIN 08MAR2004
APVD G. MARTIN 08MAR2004
PRODUCT SPEC -
APPLICATION SPEC IS 408-8928
WEIGHT 3.0 GRAMS

TE Connectivity

NAME CONNECTOR ASSEMBLY, FEMALE, 3 POSITION, SEALED, 1.2mm (STANDARD LATCH VERSION)

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-1488991 | RESTRICTED TO -

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 2 | REV F10

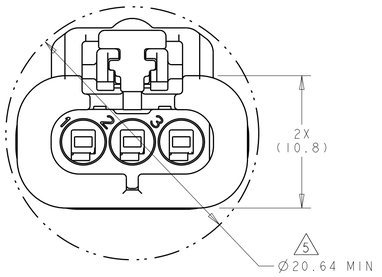
4805 (3/13)

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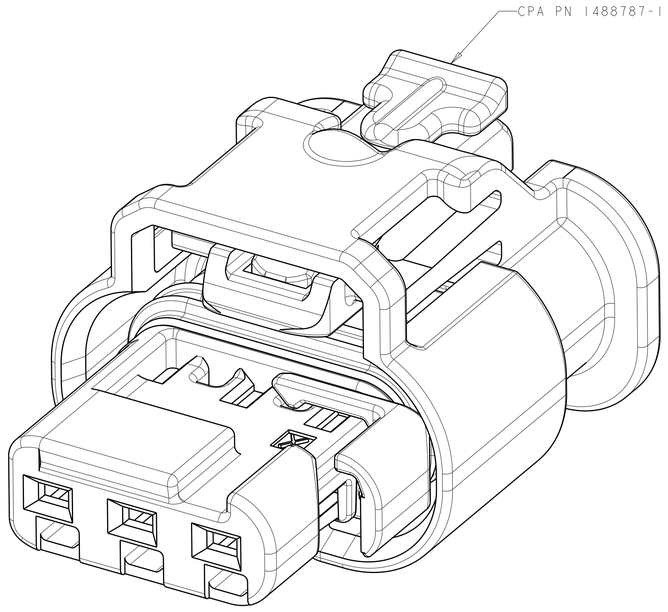
REVISIONS

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

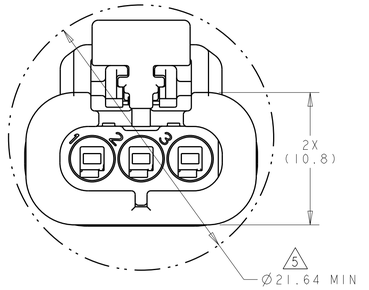
ISOMETRIC VIEWS



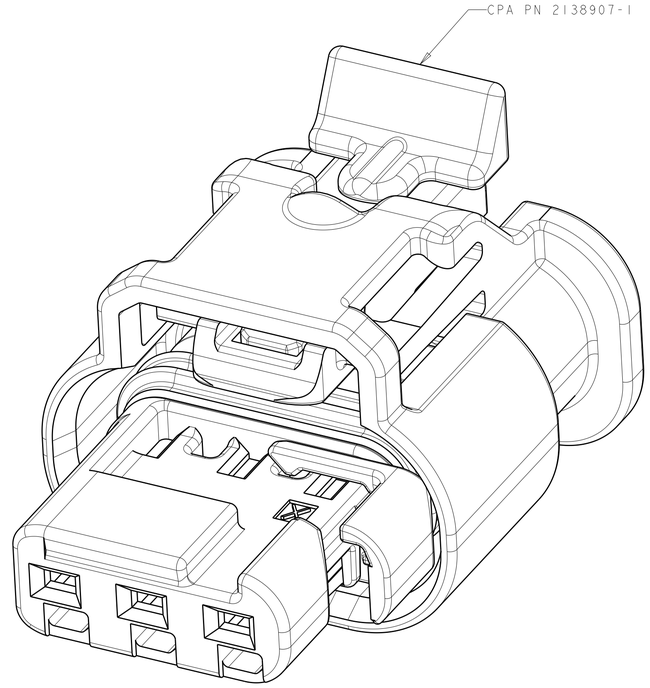
FEED THROUGH CONDITION



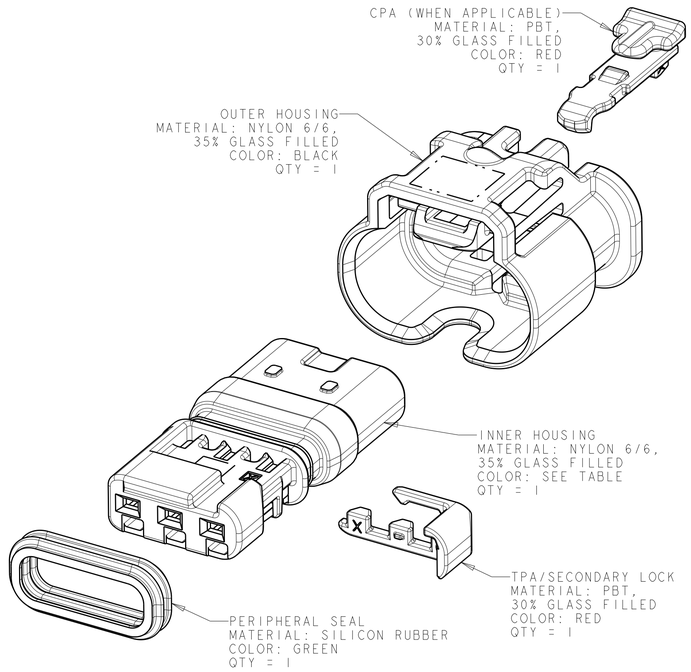
PN 1488991-5 SHOWN
SCALE 8:1



FEED THROUGH CONDITION



PN 4-1488991-1 SHOWN
SCALE 8:1



EXPLODED ISOMETRIC VIEW

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.3
2 PLC ±0.10
3 PLC ±-
4 PLC ±-
ANGLES ±1°

MATERIAL: - SEE TABLE
FINISH: - -

DWN M. FORISKA 08MAR2004
CHK G. MARTIN 08MAR2004
APVD G. MARTIN 08MAR2004
PRODUCT SPEC -
APPLICATION SPEC IS 408-8928
WEIGHT 3.0 GRAMS
CUSTOMER DRAWING

TE Connectivity

NAME CONNECTOR ASSEMBLY, FEMALE, 3 POSITION, SEALED, 1.2mm (STANDARD LATCH VERSION)

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1488991	-

SCALE 4:1 SHEET 2 OF 2 REV F10

4805 (3/13)

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

RH73H2A40MKTN 1743455-2 1969656-1 SMW73R0JT 141991-2 1393431-1 2834055-1 SBCHE154R7K ROX05SJ18R 2377783-2 2380312-2 175977-2 1903112-2 2-292161-3 2005330-1 3-1393225-0 3430B2F51RTDF 3631B101LL 650075-000 917696-1 936348-1 CPF0402B37K4E1 MPT100C18RF U5254-000005-030PA 2310537-1 1-962915-1 1-794222-0 CRGCQ2010J3K3 SBCHE64R7K TE50BR39J