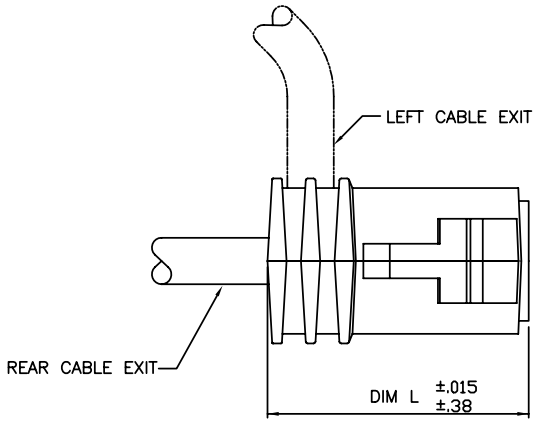
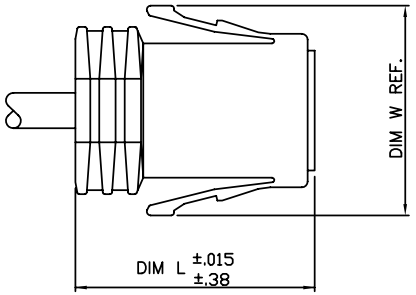
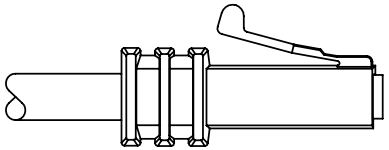
PRODUCT NO.
SEE SHT. 2

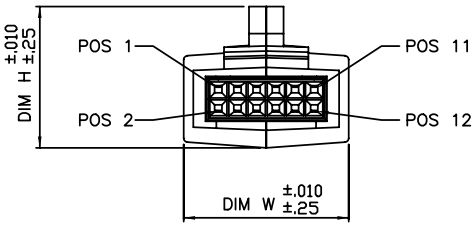
SIZE	DIM H	DIM L	DIM W
1 X 4	.300/7.62	1.291/32.79	———
1 X 6	.300/7.62	1.291/32.79	———
1 X 8	.300/7.62	1.291/32.79	———
1 X 10	.300/7.62	1.291/32.79	———
2 X 3	.705/17.91	1.267/32.18	.560/14.22
2 X 4	.705/17.91	1.267/32.18	.660/16.76
2 X 6	.735/18.67	1.365/34.67	.860/21.84
2 X 8	.735/18.67	1.365/34.67	1.060/26.92
2 X 10	.735/18.67	1.365/34.67	1.260/32.00

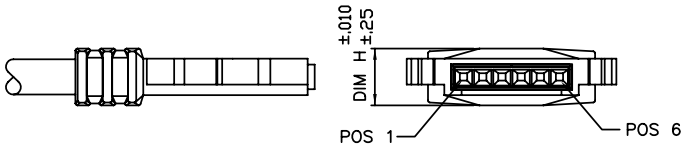






DOUBLE ROW PLUG ASSEMBLY





SINGLE ROW PLUG ASSEMBLY

rev	ecn no	dr	date
S	N10-0425	KW	12/14/10
M	V03-0798	HTB	7/16/03
N	M05-0062	ERE	4/01/05
P	M06-0151	MHT	4/10/06
R	M06-0365	AGS	9/21/06

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406/ISO 1101		projection	INCH/MM
TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	D.INGRAM	5/13/96	ANGULAR	LINEAR	0.XX/0.X	±0.01/0.3	size A4	Scale 1:1
Eng	M.SMYK	5/13/96			0.XXX/0.XX	±0.005/0.13		
Chr	M.SMYK	5/13/96	0°	±2°	0.XXXX/0.XXX	±0.0020/0.051	ECN	N10-0425
Appr	M.SMYK	5/13/96	Product family LATCH-N-LOK				Spec ref	
title	LATCH-N-LOK CONNECTOR KIT						dwg no 91481	Rev. S
catalog no							CUSTOEMR COPY	sheet 1 of 5

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PRODUCT NUMBER
SEE TABLE

914VW-XYZLF

LEAD FREE OPTION ⑨ ⑩

Z	CABLE EXIT STYLE
0	NO EXIT
1	REAR EXIT
2	RIGHT EXIT
3	LEFT EXIT

NOTE 5

Y	COLOR PLUG AND CAP	
~~1~~	~~LIGHT GRAY~~	OBSOLETE
2	OFF-WHITE	
~~3~~	~~DARK GRAY~~	OBSOLETE
4	BLACK	
~~5~~	~~SLATE GRAY~~	OBSOLETE
7	SILVER GRAY	
~~8~~	~~PEARL WHITE~~	OBSOLETE
9	PEBBLE GRAY	

NOTE 6

X	SIZES 2X3 & 2X4 CABLE O.D.	SIZES 2X6, 2X8 & 2X10 CABLE O.D.	SIZES 1X4, 1X6, 1X8 & 1X10 CABLE O.D.
0	.040/1.02 TO .065/1.65	.145/3.86 TO .165/4.19	.045/1.14 TO .075/1.91
1	.070/1.78 TO .095/2.41	.170/4.32 TO .195/4.95	.080/2.03 TO .095/2.41
2	.100/2.54 TO .125/3.18	.200/5.08 TO .225/5.72	.100/2.54 TO .115/2.92
3	.130/3.30 TO .155/3.94	.230/5.84 TO .255/6.48	.120/3.05 TO .135/3.43
4	.160/4.06 TO .185/4.70	.260/6.60 TO .285/7.24	.140/3.56 TO .155/3.94
5	.190/4.83 TO .215/5.46	.290/7.34 TO .315/8.00	.160/4.06 TO .175/4.45
6	.220/5.59 TO .245/6.22	NA	.180/4.57 TO .195/4.95
7	.250/6.35 TO .275/6.99	NA	NA
8	NO EXIT HOLE	NO EXIT HOLE	NO EXIT HOLE

W	SIZE CONFIGURATION
1	1 X 4
2	1 X 6
3	1 X 8
4	1 X 10
5	2 X 3
6	2 X 4
7	2 X 6
8	2 X 8
9	2 X 10

V	WIRE SIZE	
6	LATCH GUARD (PV'S NOT INCLUDED)	NOTE 7
7		
8	PV'S NOT INCLUDED	

EXAMPLE

91486-541 - IS A 2 X 4 REAR EXIT PLUG IN BLACK WITH A CABLE EXIT HOLE SIZE OF .220/5.59 DIA. (Ø.190/4.83 TO Ø.215/5.46 CABLE RANGE).

www.fciconnect.com			surface ISO 1302 √	tolerance std ISO 406/ISO 1101	projection	INCH/MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	D.INGRAM	5/13/96	ANGULAR	LINEAR 0.XX/0.X ±0.01/0.3	size A4	Scale 1:1
Eng	M.SMYK	5/13/96		0.XXX/0.XX ±0.005/0.13		
Chr	M.SMYK	5/13/96	0° ±2°	0.XXXX/0.XXX ±0.0020/0.051	ECN	N10-0425
Appr	M.SMYK	5/13/96	Product family LATCH-N-LOK		Spec ref	

title	LATCH-N-LOK CONNECTOR KIT	dwg no	91481	Rev. S
catalog no		CUSTOEMR COPY		sheet 2 of 5

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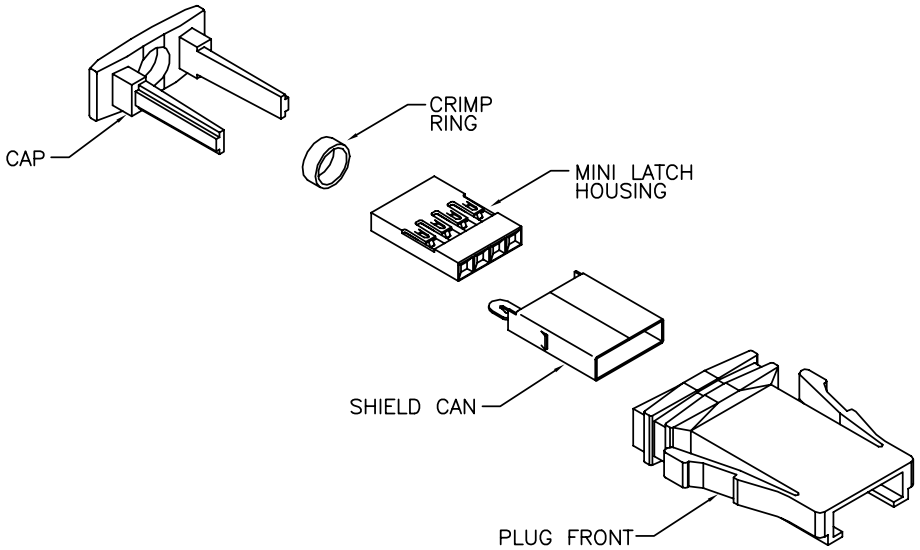
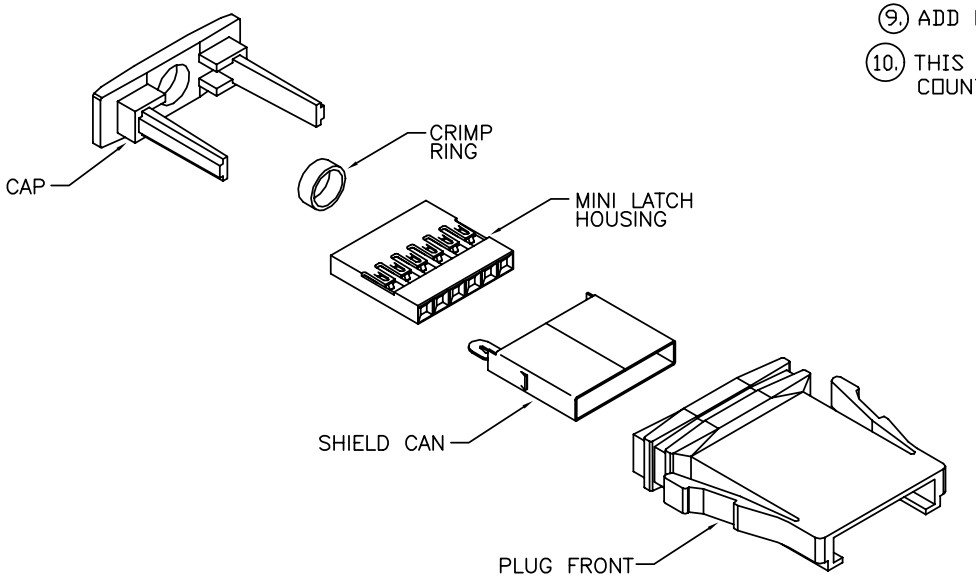


THE DIAGRAM FOR 91481



THE DIAGRAM FOR 91482

NOTES:

1. EACH KIT CONTAINS ONE EACH OF THE FOLLOWING COMPONENTS:
   PLUG FRONT NOTE 8
   CAP
   MINI-LATCH HOUSING
   SHIELD CAN
   CRIMP RING
2. COMPONENTS ARE BULK PACKAGE WITH 100 PC OF A COMPONENT PER BAG. PV'S MUST BE ORDERED SEPARATELY.
3. MATERIALS USED: PLUGS AND CAPS ARE MOLDED IN POLYCARBONATE.
   THE MINI-LATCH HOUSING IS MOLDED IN NYLON, COLOR IS BLACK.
   THE CRIMP RING IS 304 STAINLESS STEEL, 1/2 HARD.
   THE SHIELD CAN IS 1/2 HARD BRASS, PLATED WITH 100-150µ"/2.54-4.06µ OF TIN.
4. PLUGS, CAPS, MINI-LATCH HOUSING AND SHIELD CANS ARE ALL U.L. RECOGNIZED AND CSA APPROVED COMPONENTS.
5. SINGLE ROW CONNECTORS WITH REAR CABLE EXITS ARE CONSIDERED STANDARD PRODUCTS.
   SINGLE ROW CONNECTORS WITH SIDE CABLE EXITS ARE "CUSTOMER SPECIALS" AND INCLUDE A NYLON TIE WRAP REPLACING THE CRIMP RING (NORMAL CORD RETENTION WILL BE REDUCED AS A RESULT).
6. PLUG AND CAP COLORS LISTED ARE LOW GLOSS FINISH.
7. LATCH GUARD TOOLED IN 2 X 4 SIZE ONLY. THESE KITS DO NOT INCLUDE PV TERMINALS.
8. PLUG TOOLING WITH NO EXIT HOLE AVAILABLE IN 2 X 3, 2 X 4, AND 2 X 6 SIZES ONLY.
9. ADD LF SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
10. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406/ISO 1101		projection	INCH/MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	D.INGRAM	5/13/96	ANGULAR	LINEAR	0.XX/0.X	±0.01/0.3	size A4	Scale 1:1
Eng	M.SMYK	5/13/96			0.XXX/0.XX	±0.005/0.13		
Chr	M.SMYK	5/13/96	0° ±2°		0.XXXX/0.XXX	±0.0020/0.051	ECN N10-0425	
Appr	M.SMYK	5/13/96	Product family LATCH-N-LOK				Spec ref	
title	LATCH-N-LOK CONNECTOR KIT				dwg no	91481		Rev. S
catalog no					CUSTOEMR COPY		sheet 3 of 5	

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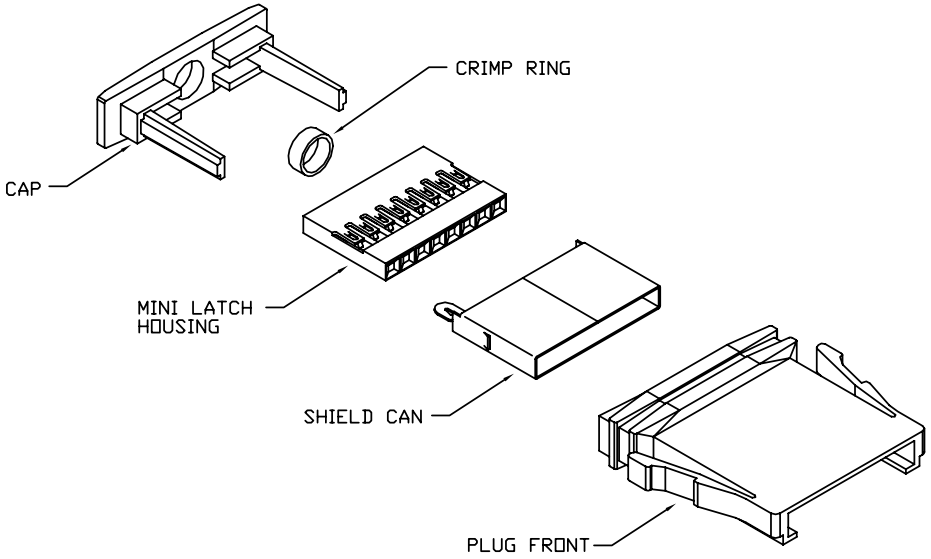

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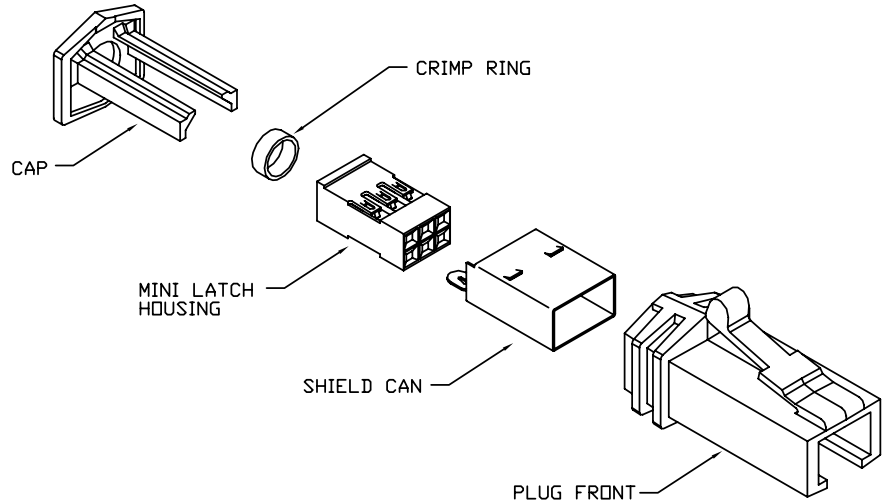

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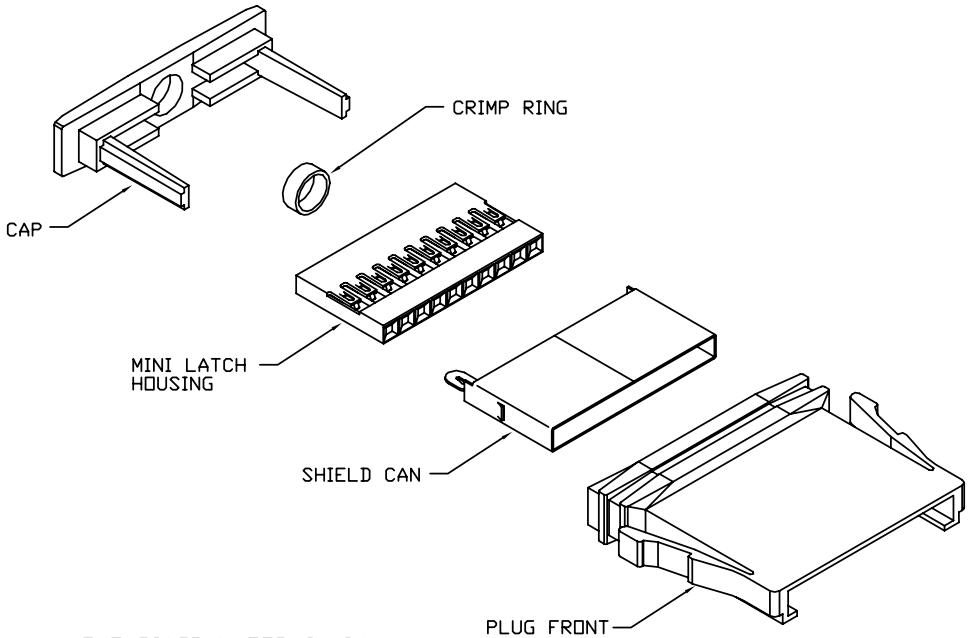

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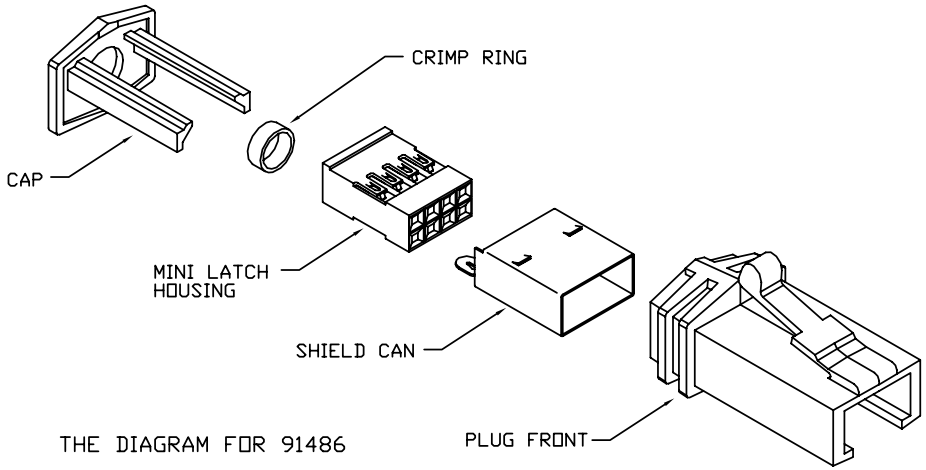

THE DIAGRAM FOR 91486

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406/ISO 1101		projection	INCH/MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	D.INGRAM	5/13/96	ANGULAR	LINEAR	0.XX/0.X	±0.01/0.3	size A4	Scale 1:1
Eng	M.SMYK	5/13/96			0.XXX/0.XX	±0.005/0.13		
Chr	M.SMYK	5/13/96	0°	±2°	0.XXXX/0.XXX	±0.0020/0.051	ECN	N10-0425
Appr	M.SMYK	5/13/96	Product family LATCH-N-LOK				Spec ref	
title	LATCH-N-LOK CONNECTOR KIT				dwg no	91481		Rev. S
catalog no					CUSTOEMR COPY			sheet 4 of 5

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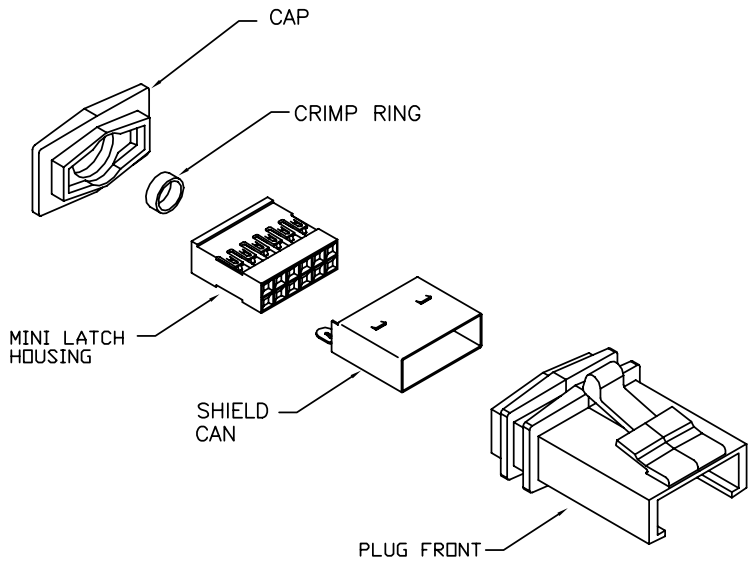
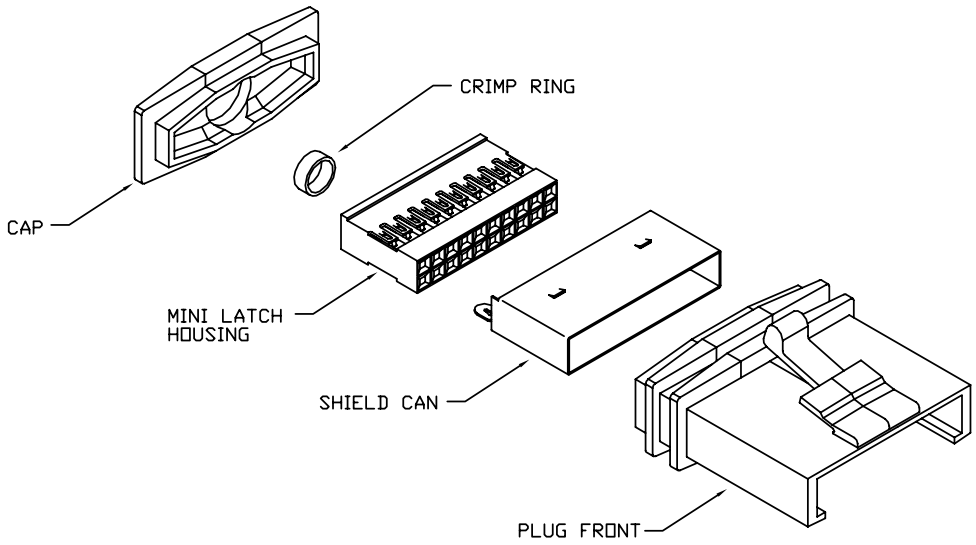


THE DIAGRAM FOR 91487



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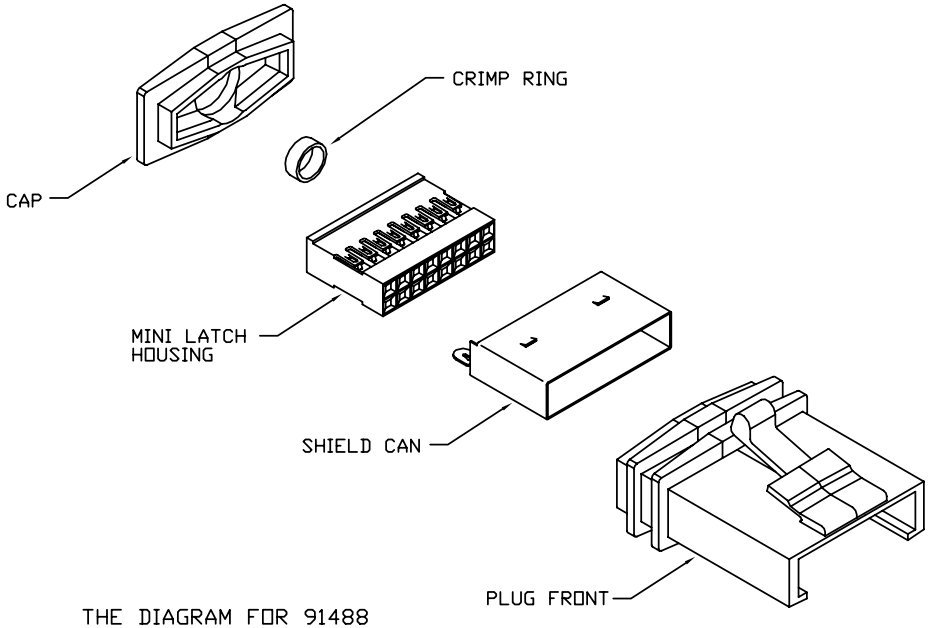

THE DIAGRAM FOR 91488

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406/ISO 1101		projection	INCH/MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	D.INGRAM	5/13/96	ANGULAR	LINEAR	0.XX/0.X	±0.01/0.3	size A4	Scale 1:1
Eng	M.SMYK	5/13/96			0.XXX/0.XX	±0.005/0.13		
Chr	M.SMYK	5/13/96	0° ±2°		0.XXXX/0.XXX	±0.0020/0.051	ECN	N10-0425
Appr	M.SMYK	5/13/96	Product family LATCH-N-LOK				Spec ref	
title	LATCH-N-LOK CONNECTOR KIT				dwg no	91481		Rev. S
catalog no					CUSTOEMR COPY		sheet 5 of 5	

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91487-442 91487-443 91487-541LF 91487-023LF 91483-641LF 91486-041LF 91486-621LF 91486-641LF 91487-441LF 91488-422LF 91489-041LF 91487-021LF 91487-071LF 91487-141LF 91487-221LF 91487-241LF 91488-141LF 91488-471LF 91489-021LF 91489-022LF 91489-023LF 91489-042LF 91489-043LF 91489-071LF 91489-072LF 91489-073LF 91489-121LF 91489-122LF 91489-123LF 91489-141LF 91489-142LF 91489-143LF 91489-171LF 91489-172LF 91489-173LF 91489-221LF 91489-222LF 91489-223LF 91489-241LF 91489-271LF 91489-321LF 91489-371LF 91489-471LF 91489-521LF 91489-571LF 91488-241 91488-421 91486-521LF 91486-541LF 91486-542LF 91487-041LF 91488-241LF 91488-421LF 91481-121LF 91481-121 91487-443LF 91481-021 91481-091 91481-091LF 91481-141 91481-141LF 91481-171 91481-171LF 91481-191 91481-191LF 91481-241 91481-241LF 91481-271 91481-271LF 91481-291 91481-291LF 91481-321LF 91481-341 91481-371 91481-371LF 91481-391 91481-391LF 91481-442 91481-471 91481-491 91481-491LF 91481-492 91481-521LF 91481-571 91481-571LF 91481-591 91481-591LF 91481-621 91481-621LF 91481-641LF 91481-671 91481-691 91481-691LF 91482-421 91483-521LF 91483-621LF 91486-023LF 91486-071LF 91486-121LF 91486-122LF