



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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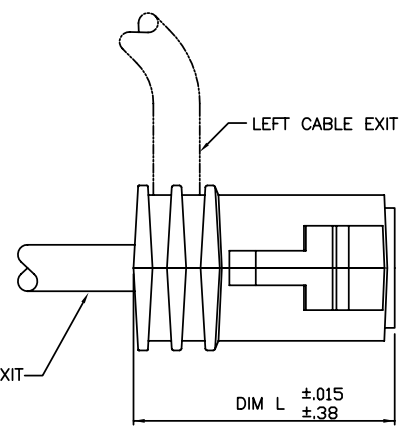




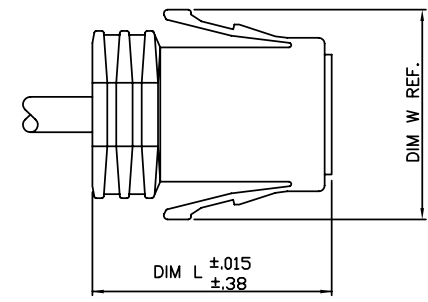
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PRODUCT NO.  
SEE SHT. 2

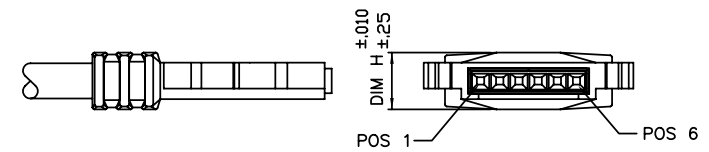
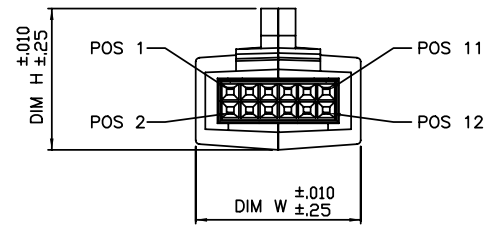
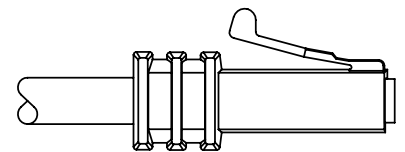
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1 X 10	.300/7.62	1.291/32.79	
2 X 3	.705/17.91	1.267/32.18	.560/14.22
2 X 4	.705/17.91	1.267/32.18	.660/16.76
2 X 6	.735/18.67	1.365/34.67	.860/21.84
2 X 8	.735/18.67	1.365/34.67	1.060/26.92
2 X 10	.735/18.67	1.365/34.67	1.260/32.00



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



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PRODUCT NUMBER  
SEE TABLE

914VW-XYZLF

LEAD FREE OPTION ⑨ ⑩

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

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

NOTE 5




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).

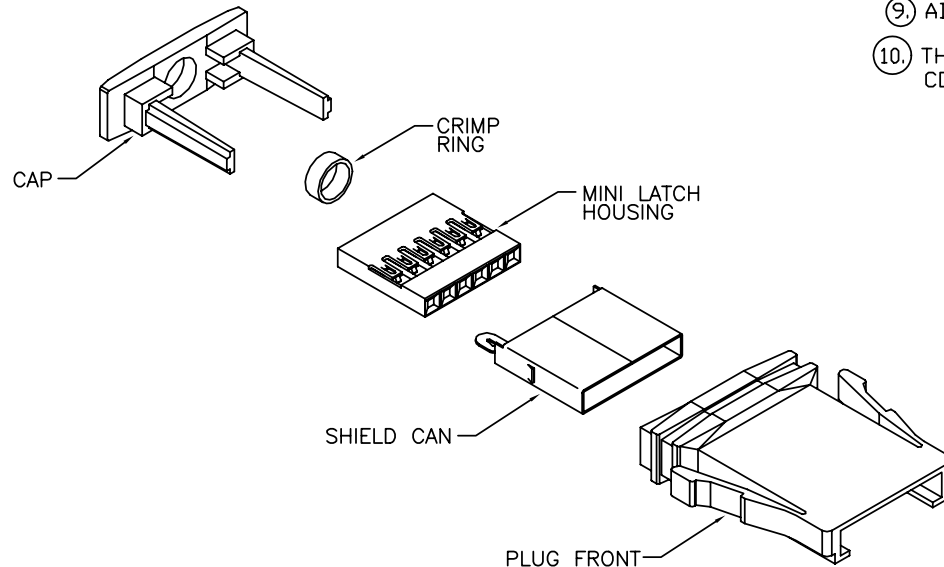
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			TOLERANCES UNLESS OTHERWISE SPECIFIED							
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Eng	M.SMYK	5/13/96				0.XXX/0.XX	±0.005/0.13			
Chr	M.SMYK	5/13/96	0°	±2°	0.XXXX/0.XXX	±0.0020/0.051	ECN		N10-0425	
Appr	M.SMYK	5/13/96	Product family LATCH-N-LOK					Spec ref		
			title LATCH-N-LOK CONNECTOR KIT				dwg no 91481			Rev. S
			catalog no				CUSTOMER COPY		sheet 2 of 5	






## 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 100-150 $\mu$ " / 2.54-4.06 $\mu$  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.

THE DIAGRAM FOR 91481



THE DIAGRAM FOR 91482

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						CUSTOMER COPY			sheet 3 of 5	

1

2

3

4

A

B

C

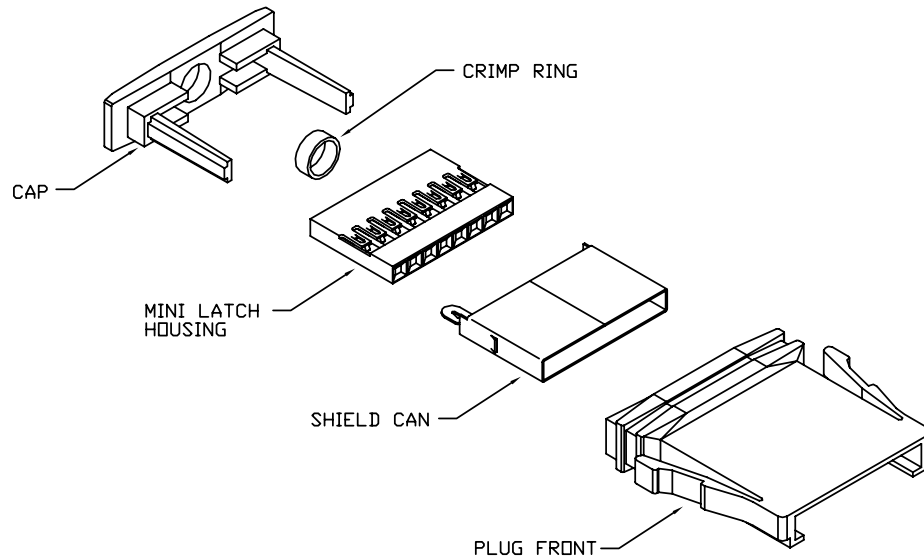
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A

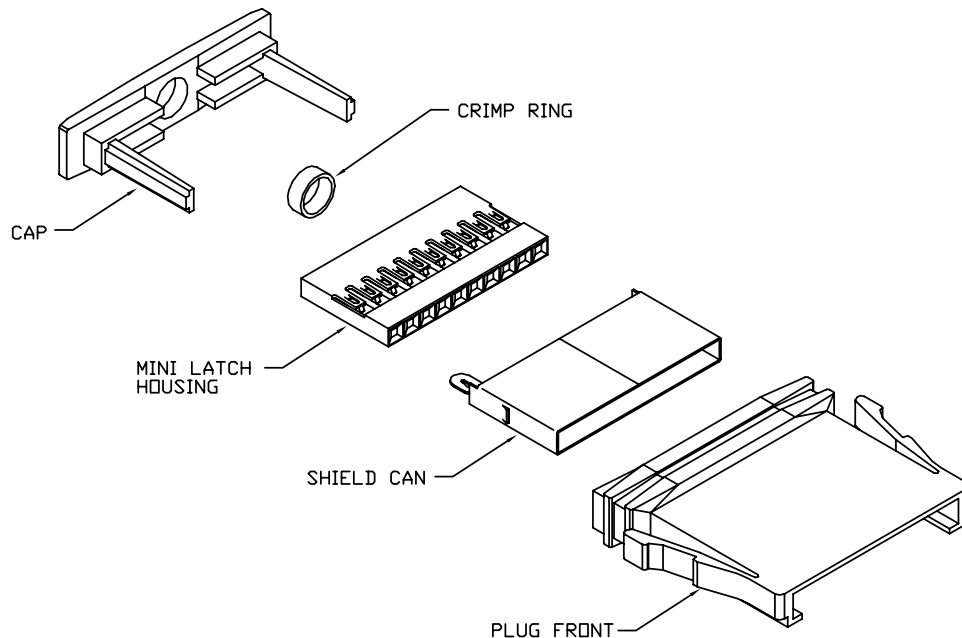
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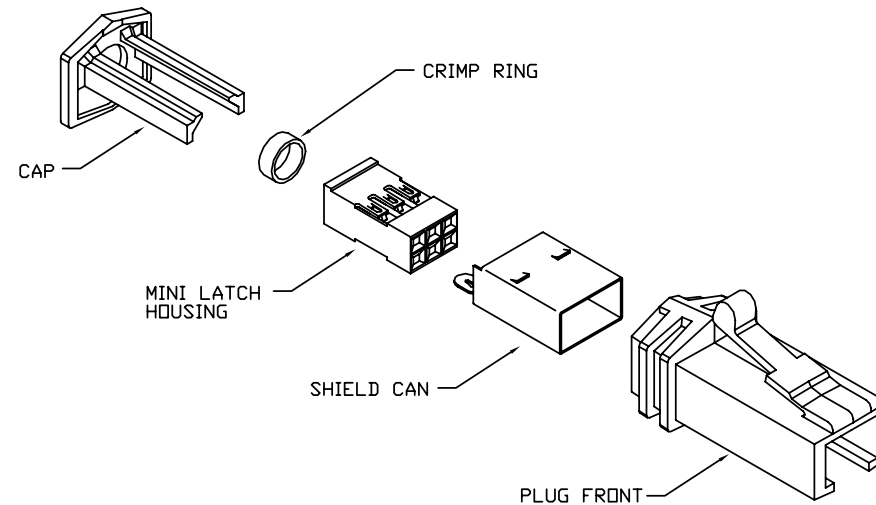
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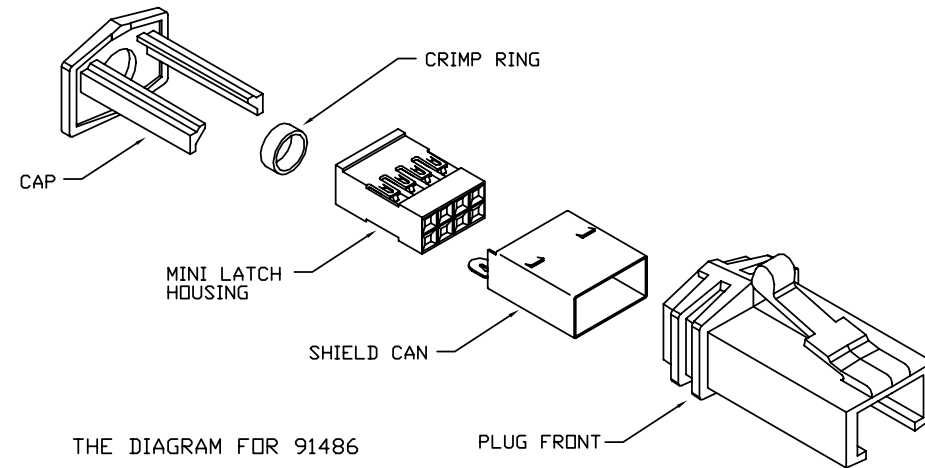
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


THE DIAGRAM FOR 91484



THE DIAGRAM FOR 91485



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				CUSTOMER COPY				sheet 4 of 5		

REV F - 2006-04-17

1

2

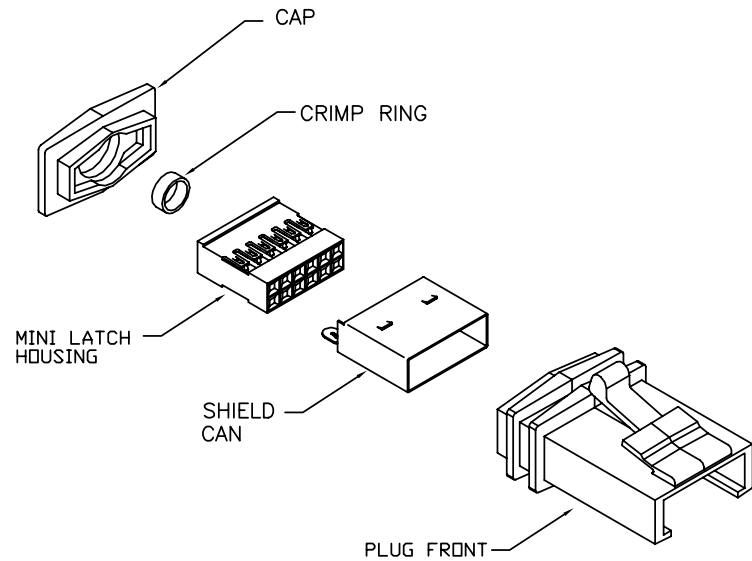
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STATUS:Released

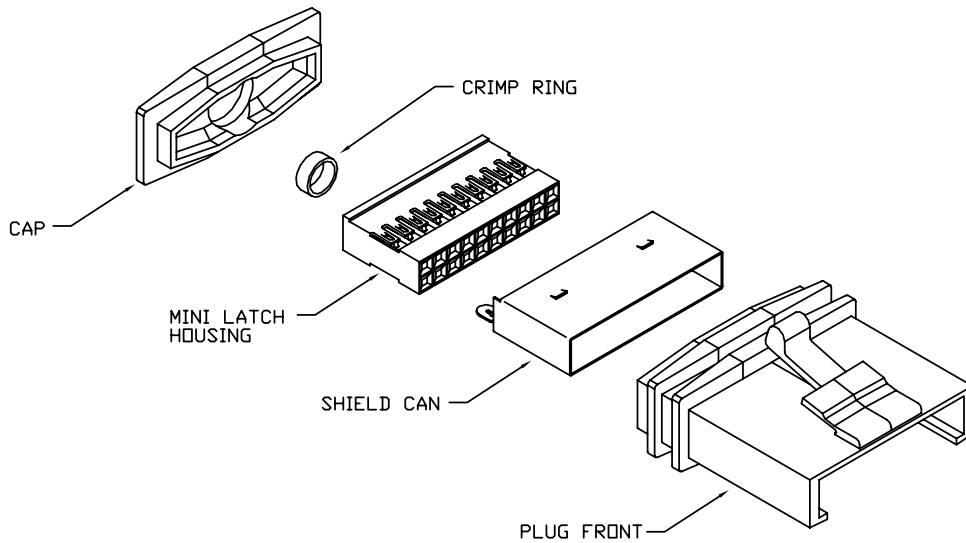
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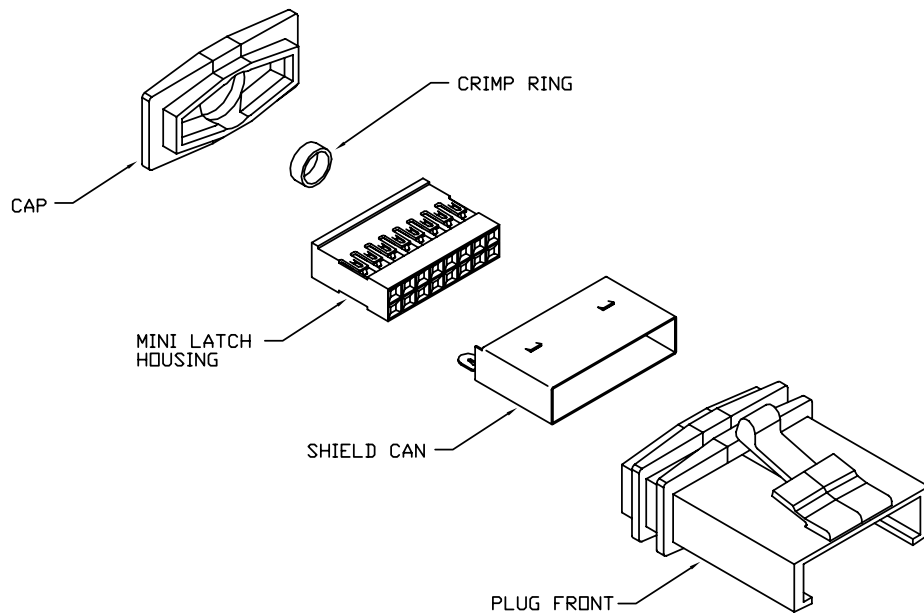
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


THE DIAGRAM FOR 91487



THE DIAGRAM FOR 91489



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					dwg no 91481		Rev S			
	CONNECTOR KIT										
	catalog no					CUSTOMER COPY			sheet 5 of 5		