

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0945095520

Status:

Active

Description:

Housing for Straight Fork Terminal, 5 Circuits, Polarization B

Documents:

Drawing (PDF)

Product Specification PS-94509-002 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Housings
Series	94509
Product Name	Pitch 5 Edge Card
Physical	
Breakaway	No
Circuits (maximum)	5
Color - Resin	Natural
Gender	Female
Glow-Wire Compliant	No
Material - Resin	Nylon
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.197 In
Pitch - Mating Interface (mm)	5.00 mm
Pitch - Term. Interface (in)	0.197 In
Pitch - Term. Interface (mm)	5.00 mm
Polarized to Mating Part	Yes
Ports	1
Stackable	No
Temperature Range - Operating	-30°C TO +80°C

Electrical	
Current - Maximum per Contact	3A, 6A

Material Info

Reference - Drawing Numbers	
Product Specification	PS-94509-002
Sales Drawing	SD-94509-003

image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

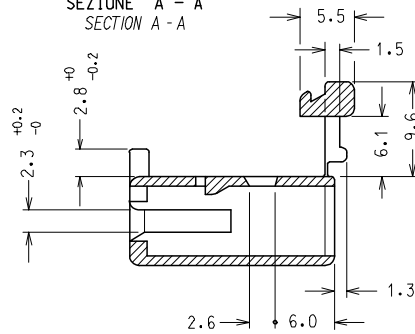
Search Parts in this Series

94509Series

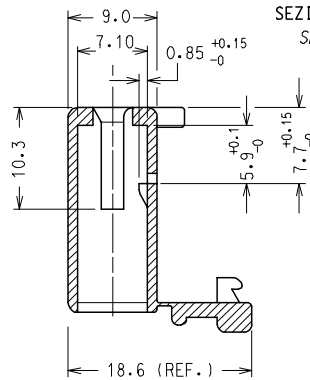
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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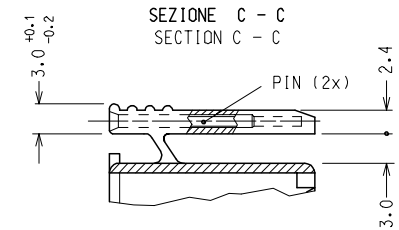
SEZIONE A - A
SECTION A - A



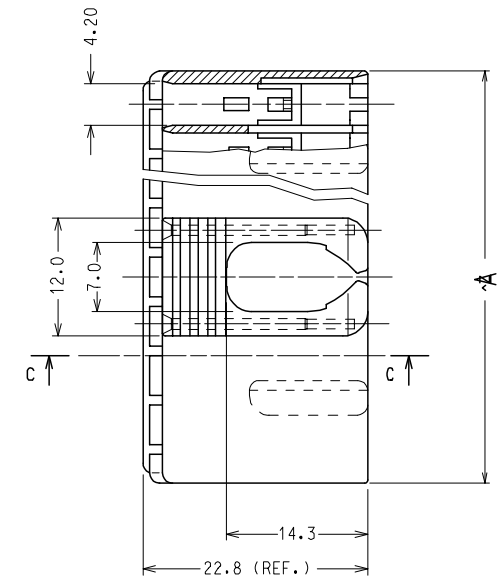
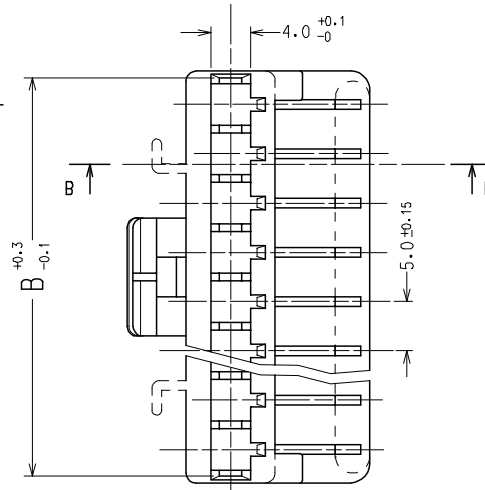
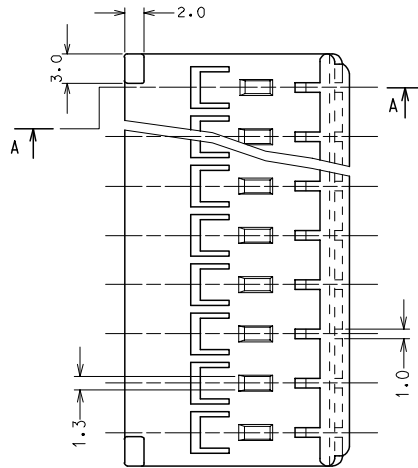
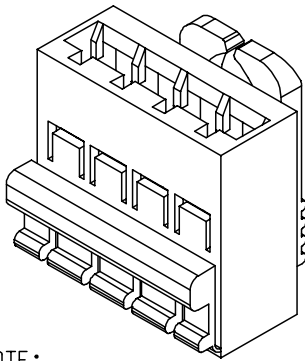
SEZIONE B - B
SECTION B - B



SEZIONE C - C
SECTION C - C



VISTA DELL'HOUSING
CON SECONDARY LOCK CHIUSO
VIEW OF THE HOUSING WITH
THE SEC. LOCK IN LOCKED POSITION



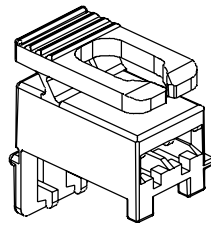
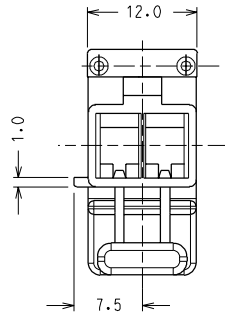
NOTE:

- 1) MATERIALI/ MATERIALS: HOUSING: NYLON 66 NATURALE/PA 66 NATURAL COLOR
PIN: ACCIAIO INOX/STAINLESS STEEL
- 2) PER CODICI, POLARIZZAZIONI, MARCATURE E PACKAGING VEDERE FOGLI SEGUENTI
FOR PART NOS, POLARIZATIONS, MARKINGS AND PACKAGING SEE THE FOLLOWING SHEETS
- 3) LE DIMENSIONI VANNO MISURATE CON CORPI STABILIZZATI SECONDO NG 2301
(AUMENTO IN PESO DEL 2.7 %)
PARTS SHALL BE DIMENSIONALLY CHECKED AFTER ATTAINING EQUILIBRIUM CONDITIONS
E.G. 27 % INCREASE IN WEIGHT FOR HUMIDITY ABSORPTION FROM DRY STATUS
- 4) CARATTERISTICHE SECONDO PS 94509
PRODUCT CHARACTERISTICS ACCORDING TO PS 94509 E
- 5) VEDERE FOGLIO 10/10 PER INFORMAZIONI SULLA CONFEZIONE
SEE SHEET 10/10 FOR INFORMATION REGARDING THE PACKAGING

N.° VIE CKT.	2	3	4	5	6	7	8
A	11.8	16.8	21.8	26.8	31.8	36.8	41.8
B	10.4	15.4	20.4	25.4	30.4	35.4	40.4

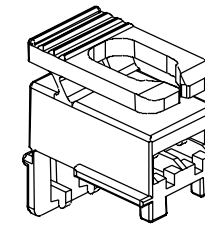
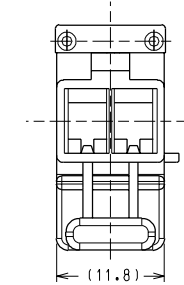
EC NO: Z2005-0030 DRAWN:FGOTTARD 2004/09/23 CHKD:RSANDANO 2004/09/23 APPR:GZUIN 2004/09/23 REV B4	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION 	
				mm	INCH	DRAWN BY SBARBIER	DATE 1991/01/23	TITLE HOUSING FOR STRAIGHT FORK TERMINAL (WITH STEEL PINS)		
			4 PLACES	± ---	± ---	CHECKED BY	DATE			
			3 PLACES	± ---	± ---	APPROVED BY		DATE	MOLEX INCORPORATED 	
			2 PLACES	± 0.1	± ---	MPREVIAT		1991/01/24		
			1 PLACE	± 0.2	± ---	MATERIAL NO.		DOCUMENT NO. SD-94509-003		SHEET NO. 1 OF 10
			ANGULAR ± 2 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

HOUSINGS A 2 VIE: / 2 CKT HOUSINGS:



POLARIZZAZIONE TIPO "A"
TYPE "A" POLARIZATION

N.° VIE CKT No.	CODICE HOUSING/TIPO POLARIZZAZIONE HOUSING P/N / POLARIZATION	
	A	B
2	94509-5210	94509-5220

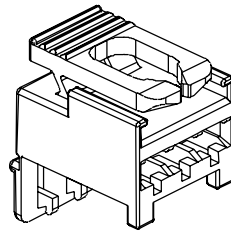
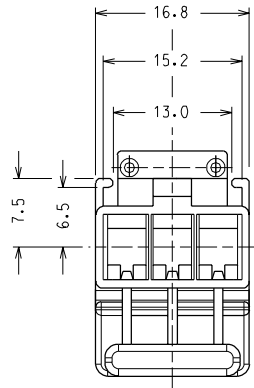


POLARIZZAZIONE TIPO "B"
TYPE "B" POLARIZATION

NOTA: QUESTA VERSIONE E' FORNITA SENZA PIOLINI IN ACCIAIO
NOTE: THIS VERSION IS SUPPLIED WITHOUT STEEL PINS

EC NO. Z9-065 DRWNS. BARBIERI 08-10-98 CHK: S. SDRATO 08-10-98 APPR: R. MARTUCCI 08-10-98		QUALITY SYMBOLS MAJOR ∇_M SIGNIF. ∇_S CRITICAL ∇_C	GENERAL TOLERANCES: (UNLESS SPECIFIED) <table border="1"> <tr> <td></td><td>mm</td><td>INCH</td></tr> <tr> <td>4 PLACES</td><td>$\pm 0.$</td><td>$\pm .$</td></tr> <tr> <td>3 PLACES</td><td>$\pm 0.$</td><td>$\pm .$</td></tr> <tr> <td>2 PLACES</td><td>± 0.1</td><td>$\pm .$</td></tr> <tr> <td>1 PLACE</td><td>± 0.2</td><td>$\pm .$</td></tr> </table>		mm	INCH	4 PLACES	$\pm 0.$	$\pm .$	3 PLACES	$\pm 0.$	$\pm .$	2 PLACES	± 0.1	$\pm .$	1 PLACE	± 0.2	$\pm .$	SCALE 2:1 DESIGN UNITS ☒ mm ☐ INCH FIRST ANGLE PROJECTION	DIMENSIONS: ☐ mm ☐ INCH ☐ mm ☒ ONLY SHT REV REVISE ON CAD ONLY
	mm	INCH																		
4 PLACES	$\pm 0.$	$\pm .$																		
3 PLACES	$\pm 0.$	$\pm .$																		
2 PLACES	± 0.1	$\pm .$																		
1 PLACE	± 0.2	$\pm .$																		
DRAWN BY & DATE S. BARBIERI 23-01-91 CHECKED BY & DATE APPROVED BY & DATE M. PREVIATO 24-01-91 CAD FILENAME 94509003.S01		TITLE: HOUSING PER TERM. A FORCELLA DIRITTO (CON PINS IN ACCIAIO) HOUSING FOR STRAIGHT FORK TERMINAL (WITH STEEL PINS)																		
B			MATERIAL NO. 94509003.S01		MOLEX INCORPORATED SEE TABLES SD-94509-003		SHEET NO. 2/10													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			ANGULAR: $\pm 2^\circ$		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE A3													

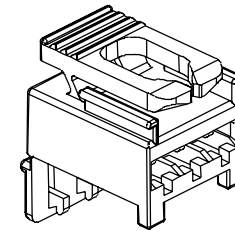
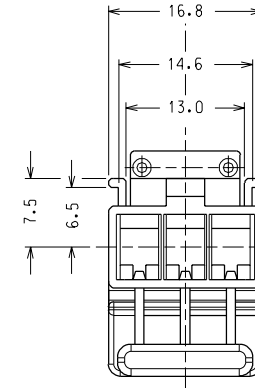
HOUSINGS A 3 VIE: / 3 CKT HOUSINGS:



POLARIZZAZIONE TIPO "A"
TYPE "A" POLARIZATION

N.° VIE CKT No.	CODICE HOUSING/TIPO POLARIZZAZIONE HOUSING P/N / POLARIZATION	
	A	B
3	94509-5310 *	94509-5320

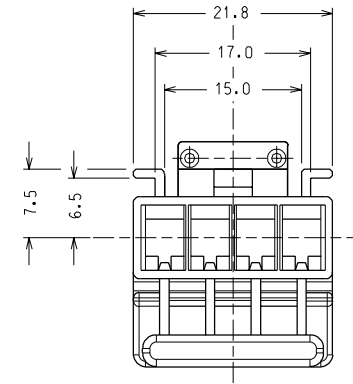
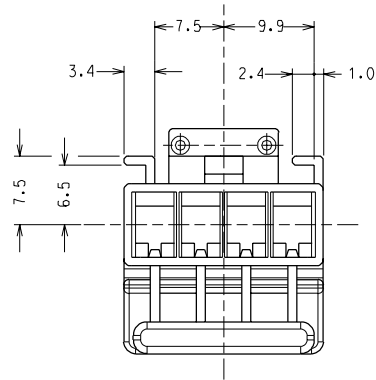
* VERSIONE NON ATTREZZATA
NOT TOOLED



POLARIZZAZIONE TIPO "B"
TYPE "B" POLARIZATION

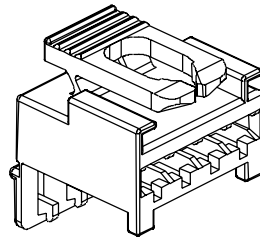
EC NO. Z9-065 DRWNS. BARBIERI 08-10-98 CHK: S. SORATO 08-10-98 APPR: R. MARTUCCI 08-10-98		QUALITY SYMBOLS MAJOR M SIGNIF. S CRITICAL C	DESCRIPTION REV	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS ☒ mm ☐ INCH	FIRST ANGLE PROJECTION	DIMENSIONS: ☐ mm ☐ INCH ☐ mm ☒ INCH ONLY	SHT REV
				mm INCH	INCH mm	DRAWN BY & DATE S. BARBIERI 23-01-91 CHECKED BY & DATE APPROVED BY & DATE M. PREVIATO 24-01-91 CAD FILENAME 94509003.S02	TITLE: HOUSING PER TERM. A FORCELLA DIRITTO (CON PINS IN ACCIAIO) HOUSING FOR STRAIGHT FORK TERMINAL (WITH STEEL PINS)	MOLEX INCORPORATED MATERIAL NO. SD-94509-003 SEE TABLES		SHEET NO. 3/10
B		REV		ANGULAR: ± 2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE A3		

HOUSINGS A 4 VIE: / 4 CKT HOUSINGS:

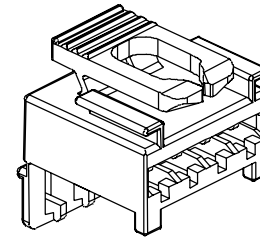


N.° VIE CKT No.	CODICE HOUSING/TIPO POLARIZZAZIONE HOUSING P/N / POLARIZATION	
	A	B
4	94509-5410 *	94509-5420

* VERSIONE NON ATTREZZATA
NOT TOOLED



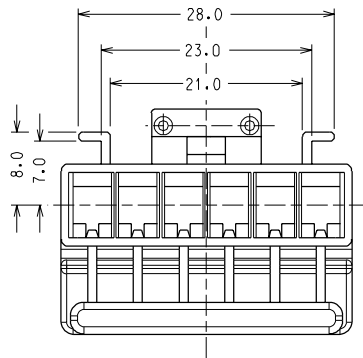
POLARIZZAZIONE TIPO "A"
TYPE "A" POLARIZATION



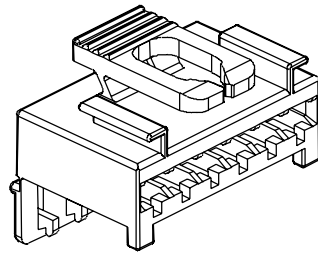
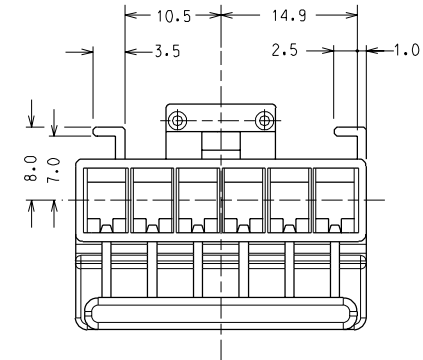
POLARIZZAZIONE TIPO "B"
TYPE "B" POLARIZATION

EC NO. Z9-065 DRWNS. BARBIERI 08-10-98 CHK: S. SORATO 08-10-98 APPR: R. MARTUCCI 08-10-98		QUALITY SYMBOLS	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS ☒ mm ☐ INCH	DIMENSIONS: ☐ mm ☐ INCH ☐ mm ☒ ONLY	SHT	REV			
		MAJOR M	mm INCH		DRAWN BY & DATE		FIRST ANGLE PROJECTION TITLE: HOUSING PER TERM. A FORCELLA DIRITTO (CON PINS IN ACCIAIO) HOUSING FOR STRAIGHT FORK TERMINAL (WITH STEEL PINS)	REVISE ON CAD ONLY	SHEET NO. 4/10			
		SIGNIF. S	4 PLACES ±0.1	±0.1	S. BARBIERI 23-01-91							
		CRITICAL C	3 PLACES ±0.1	±0.1	CHECKED BY & DATE							
B		REV	2 PLACES ±0.1	±0.1	APPROVED BY & DATE		MOLEX INCORPORATED MATERIAL NO. SEE TABLES DRAWING NO. SD-94509-003	SIZE A3				
			1 PLACE ±0.2	±0.2	M. PREVIATO 24-01-91							
			ANGULAR: ± 2°		CAD FILENAME 94509003.S03		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

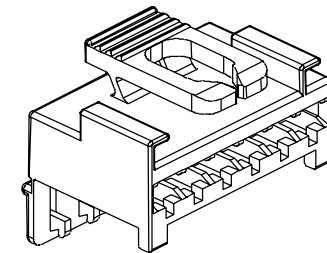
HOUSINGS A 6 VIE: / 6 CKT HOUSINGS:



N.° VIE	CODICE HOUSING/TIPO POLARIZZAZIONE HOUSING P/N / POLARIZATION	
CKT No.	A	B
6	94509-5610	94509-5620



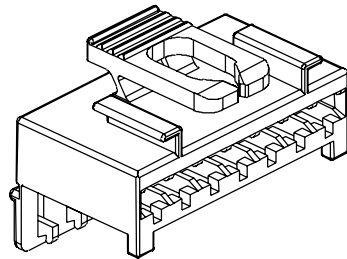
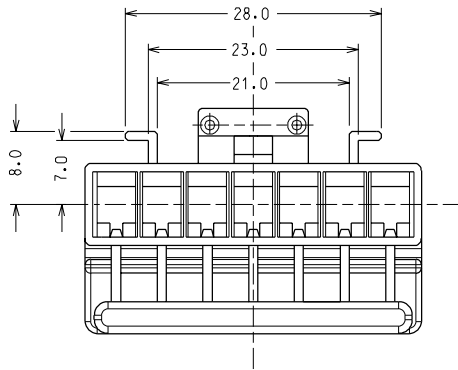
POLARIZZAZIONE TIPO "A"
TYPE "A" POLARIZATION



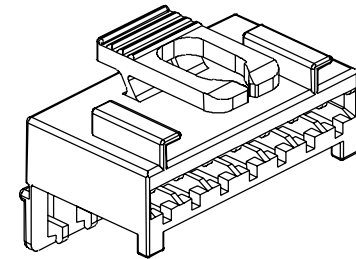
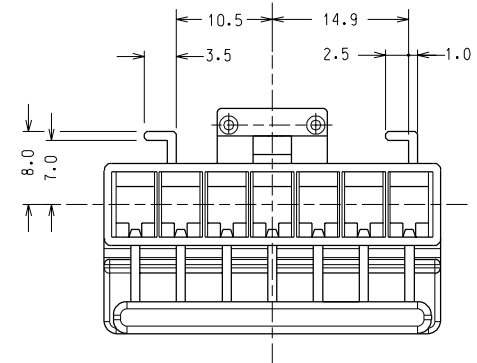
POLARIZZAZIONE TIPO "B"
TYPE "B" POLARIZATION

EC No. Z9-065 DRWNS. BARBIERI 08-10-98 CH'K: S. SDRATO 08-10-98 APPR: R. MARTUCCI 08-10-98	QUALITY SYMBOLS	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS ☒ mm ☐ INCH	DIMENSIONS: ☐ mm ☐ INCH ☒ mm ☐ ONLY	SHT	REV
	MAJOR ☐ M	mm	INCH	DRAWN BY & DATE	FIRST ANGLE PROJECTION TITLE: HOUSING PER TERM. A FORCELLA DIRITTO (CON PINS IN ACCIAIO) HOUSING FOR STRAIGHT FORK TERMINAL (WITH STEEL PINS)	☐ mm ☐ INCH ☒ mm ☐ ONLY	REVISE ON CAD ONLY	
	SIGNIF. ☐ S	4 PLACES ±0.1	±0.1	S. BARBIERI 23-01-91				
	CRITICAL ☐ C	3 PLACES ±0.2	±0.2	CHECKED BY & DATE	APPROVED BY & DATE	MATERIAL NO. SEE TABLES DRAWING NO. SD-94509-003 SHEET NO. 6/10	SIZE A3	
REV	1 PLACE ±0.2	±0.2	ANGULAR: ± 2°	M. PREVIATO 24-01-91				
B	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.						

HOUSINGS A 7 VIE: / 7 CKT HOUSINGS:



POLARIZZAZIONE TIPO "A"
TYPE "A" POLARIZATION



POLARIZZAZIONE TIPO "B"
TYPE "B" POLARIZATION

N.° VIE CKT No.	CODICE HOUSING/TIPO POLARIZZAZIONE HOUSING P/N / POLARIZATION	
	A	B
7	94509-5710 *	94509-5720 *

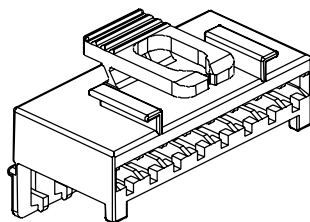
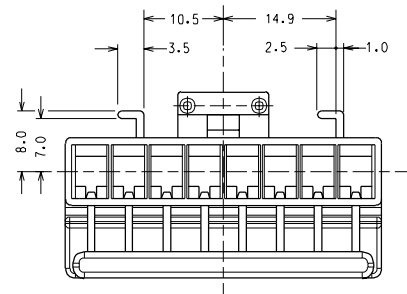
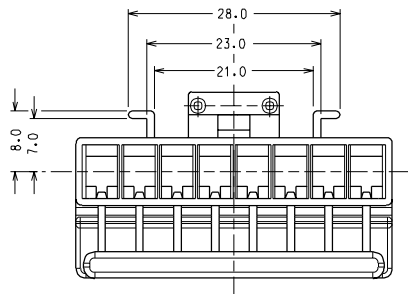
* VERSIONE NON ATTREZZATA
* NOT TOOLED

EC NO. Z9-065 DRWNS. BARBIERI 08-10-98 CHK: S. SORATO 08-10-98 APPR: R. MARTUCCI 08-10-98		QUALITY SYMBOLS	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS ☒ mm ☐ INCH	DIMENSIONS: ☐ mm ☐ INCH ☒ mm ONLY		SHT	REV						
		MAJOR M	mm INCH		DRAWN BY & DATE S. BARBIERI 23-01-91		FIRST ANGLE PROJECTION		TITLE: HOUSING PER TERM. A FORCELLA DIRITTO (CON PINS IN ACCIAIO) HOUSING FOR STRAIGHT FORK TERMINAL (WITH STEEL PINS)		REVISE ON CAD ONLY					
		SIGNIF. S	4 PLACES ±0. ±		CHECKED BY & DATE											
		CRITICAL C	3 PLACES ±0. ±		APPROVED BY & DATE M. PREVIATO 24-01-91											
B		REV	2 PLACES ±0.1 ±		CAD FILENAME 94509003.S06		MOLEX INCORPORATED		MATERIAL NO. SEE TABLES		DRAWING NO. SD-94509-003	SHEET NO. 7/10				
			1 PLACE ±0.2 ±		ANGULAR: ± 2°											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.					SIZE A3						

HOUSINGS A 8 VIE: / 8 CKT HOUSINGS:

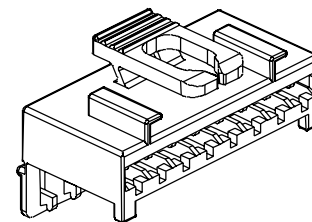
(VEDERE ANCHE FOGLIO SEGUENTE)

(SEE ALSO THE FOLLOWING SHEET)



POLARIZZAZIONE TIPO "A"
TYPE "A" POLARIZATION

N.° VIE CKT No.	CODICE HOUSING/TIPO POLARIZZAZIONE HOUSING P/N / POLARIZATION	
	A	B
8	94509-5810	94509-5820



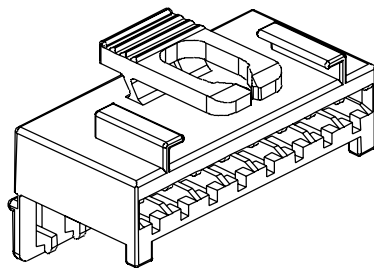
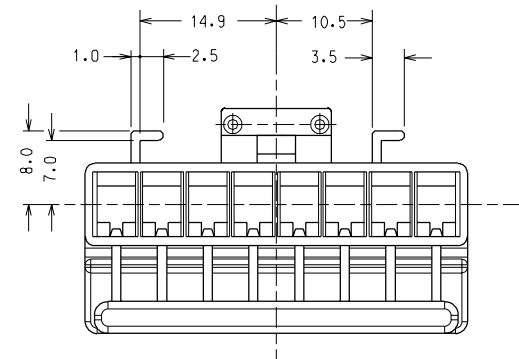
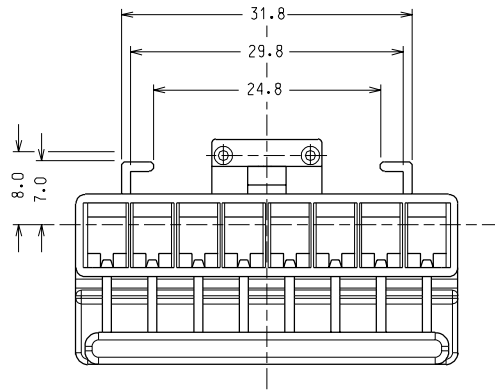
POLARIZZAZIONE TIPO "B"
TYPE "B" POLARIZATION

EC NO. Z9-065		DRAWING: BARBIERI 08-10-98 CHK: S. SORATO 08-10-98 APPR: R. MARUCCI 08-10-98		DESCRIPTION	QUALITY SYMBOLS		GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE	DESIGN UNITS		DIMENSIONS:		SHT	REV
					MAJOR M =	mm	INCH	2:1	☒ mm ☐ INCH	☐ INCH ☐ INCH ☒ mm ONLY					
B	REV	CRITICAL C =	SIGNIF. S =	DRAWING NO.	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	4 PLACES	+0.	±.	DRAWN BY & DATE S. BARBIERI 23-01-91	CHECKED BY & DATE	TITLE: HOUSING PER TERM. A FORCELLA DIRITTO (CON PINS IN ACCIAIO) HOUSING FOR STRAIGHT FORK TERMINAL (WITH STEEL PINS)	 MOLEX INCORPORATED	SD-94509-003	8/10	SIZE
						3 PLACES	+0.	±.							
						2 PLACES	+0.1	±.							
						1 PLACE	+0.2	±.							
				ANGULAR: ± 2°		CAD FILENAME		94509003.S07		MATERIAL NO.					
										SEE TABLES					

HOUSINGS A 8 VIE: / 8 CKT HOUSINGS:

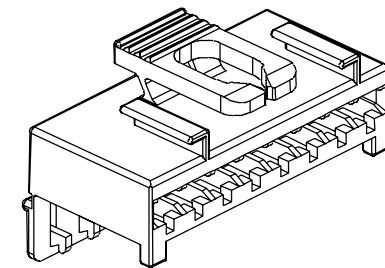
(VEDERE ANCHE FOGLIO PRECEDENTE)

(SEE ALSO THE PREVIOUS SHEET)



POLARIZZAZIONE TIPO "C"
TYPE "C" POLARIZATION

N.° VIE CKT No.	CODICE HOUSING/TIPO POLARIZZAZIONE HOUSING P/N / POLARIZATION	
	C	D
8	94509-5830	94509-5840



POLARIZZAZIONE TIPO "D"
TYPE "D" POLARIZATION

EC NO. Z9-065 DRWNS. BARBIERI 08-10-98 CHK: S. SORATO 08-10-98 APPR: R. MARTUCCI 08-10-98		QUALITY SYMBOLS MAJOR ∇ M = SIGNIF. ∇ S = CRITICAL ∇ C =		GENERAL TOLERANCES: (UNLESS SPECIFIED) mm INCH 4 PLACES $\pm 0.$ $\pm .$ 3 PLACES $\pm 0.$ $\pm .$ 2 PLACES ± 0.1 $\pm .$ 1 PLACE ± 0.2 $\pm .$ ANGULAR: $\pm 2^\circ$		SCALE 2:1	DESIGN UNITS ☒ mm ☐ INCH	DIMENSIONS: ☐ mm ☐ INCH ☒ mm ONLY	SHT REV	
				DRAWN BY & DATE S. BARBIERI 23-01-91 CHECKED BY & DATE APPROVED BY & DATE M. PREVIATO 24-01-91 CAD FILENAME 94509003.S08		FIRST ANGLE PROJECTION TITLE: HOUSING PER TERM. A FORCELLA DIRITTO (CON PINS IN ACCIAIO) HOUSING FOR STRAIGHT FORK TERMINAL (WITH STEEL PINS)				
B		REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLES		DRAWING NO. SD-94509-003		SHEET NO. 9/10
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.				SIZE A3		

F

E

D

C

B

A

F

E

D

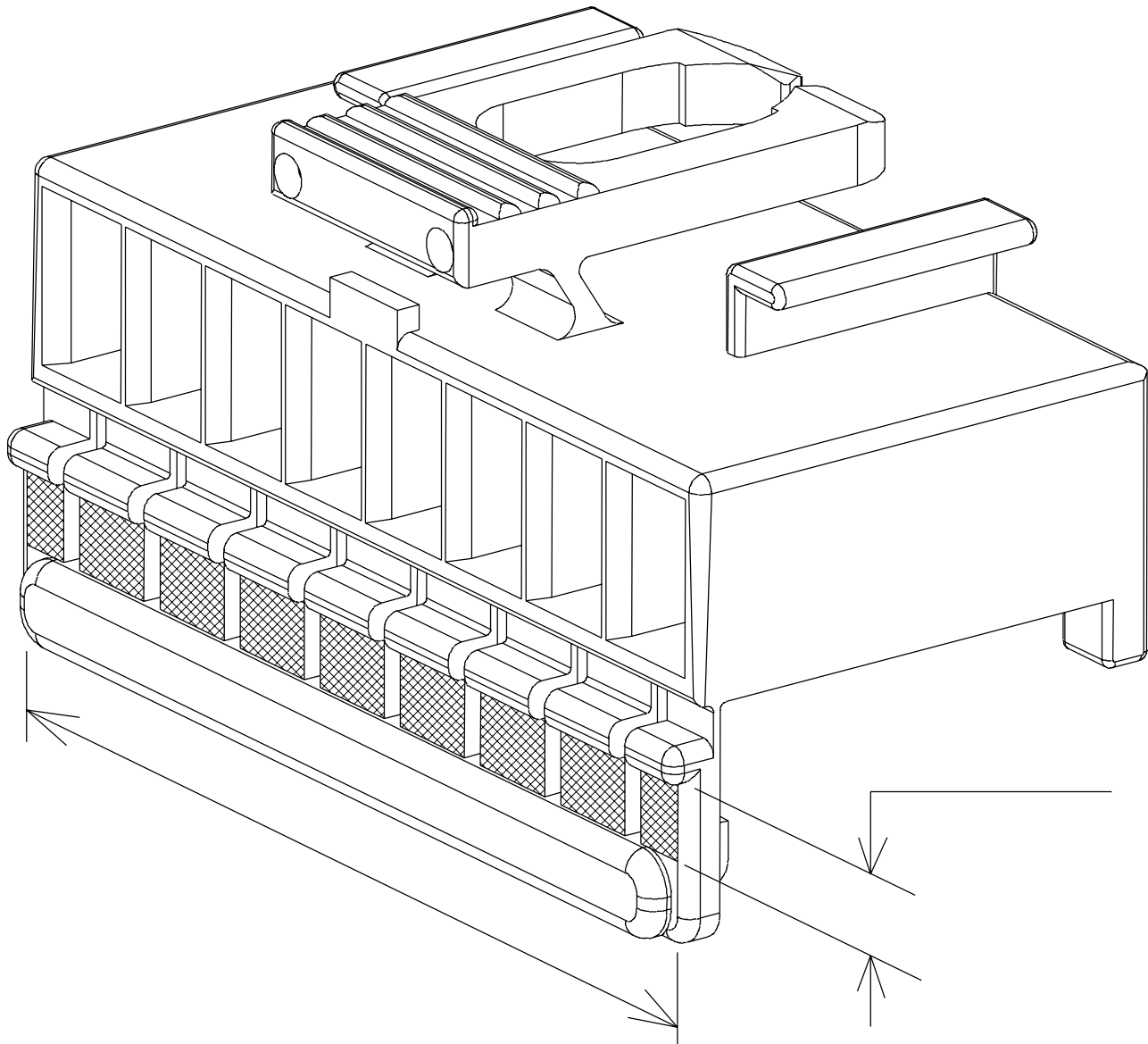
C

B

A

MARCATURE CON BANDA COLORATA

COLOR MARKING



ZONA COLORATA

MARKED AREA

CONFEZIONE - PACKAGING

I PEZZI SONO CONFEZIONATI IN SACCHETTI DI PLASTICA POSTI IN SCATOLE DI CARTONE

PARTS ARE PACKED IN PLASTIC BAGS PUT IN CARTON BOXES

CKT No.	HOUSING P/N - POLARIZATION				STD PACK. QUANTITY
	A	B	C	D	
2	94509-5210	94509-5220			7500
3	94509-5310	94509-5320			5500
4	94509-5410	94509-5420			3000
5	94509-5510	94509-5520			3300
6	94509-5610	94509-5620			2800
7	94509-5710	94509-5720			1500
8	94509-5810	94509-5820	94509-5830	94509-5840	2000

CKT No.	HOUSING P/N	POLARIZATION	COLOR
6	94509-5610	A	
	94509-5620	B	ROSSO/ RED
8	94509-5810	A	
	94509-5820	B	ROSSO/ RED
	94509-5830	C	BLU/ BLUE
	94509-5840	D	NERO/ BLACK

EC NO. SEE SHT 1 DRWN: CH'K: APPR:		DESCRIPTION REV	QUALITY SYMBOLS MAJOR M = SIGNIF. S = CRITICAL C =	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS ☒ mm ☐ INCH	☐ FIRST ANGLE PROJECTION	DIMENSIONS: ☐ mm ☐ INCH ☒ mm ONLY	SHT	REV
				4 PLACES	±0.	±.	DRAWN BY & DATE S.BARBIERI 05-02-98		TITLE: HOUSING PER TERM. A FORCELLA DIRITTO (CON PINS IN ACCIAIO) HOUSING FOR STRAIGHT FORK TERMINAL (WITH STEEL PINS)		
				3 PLACES	±0.	±.	CHECKED BY & DATE S.SORATO 06-02-98				
				2 PLACES	±0.1	±.	APPROVED BY & DATE R.MARTUCCI 06-02-98				
B3				1 PLACE	±0.2	±.	CAD FILENAME 94509003.S09	MATERIAL NO. SEE TABLES		DRAWING NO. SD-94509-003	SHEET NO. 10/10
				ANGULAR: ± 2°			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		