



1 | 2

3

4

963P CONTACT NUMBERING SYSTEM

FOR SIDE
POLARIZATION, RIB
IS THIS SIDE.

FOR STANDARD
KEYING, A02
POSITION IS
PLUGGED

FOR STANDARD KEYING
B02 POSITION IS PLUGGED

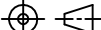
CONTACT NUMBERING SYSTEM AS
VIEWED FROM CONTACT INSERTION
END.

NOTES:

1. HOUSING AND CONTACTS ARE SHIPPED LOOSE. CONTACTS ARE AVAILABLE EITHER BULK OR ON REELS.
2. HOUSING COMCODES ARE GIVEN IN TABLES A,B,C,D & E. CONTACT COMCODES ARE GIVEN IN THE CONTACT TABLE, SHEET 6. ANY CONTACT TYPE WILL FIT ANY OF THE 963P TYPE HOUSINGS.
3. IT HAS BEEN NORMAL PRACTICE IN THE PAST TO DISREGARD THE 1 AFTER THE P FOR DOUBLE ROW SIDE POLARIZED CODE. EXAMPLE THE 963P1-2 HAS PREVIOUSLY BEEN SPECIFIED AS 963P-2. IT IS DESIRABLE NOW TO USE THE COMPLETE CODE (963P1-2).
4. SINGLE ROW HOUSINGS WITHOUT SIDE POLARIZATION ARE SIDE TO SIDE STACKABLE WHEN USED IN MULTIPLES BUT HOUSING SIDE TABS MUST ALL FACE THE SAME DIRECTION TO AVOID SHORTING OF CONTACTS THRU THE TAB WINDOWS.
5. DOUBLE ROW HOUSINGS IF STACKED SIDE BY SIDE WOULD NEED INSULATION BETWEEN THEM TO AVOID SHORTING OF CONTACTS THRU THE TAB WINDOWS.
6. TOOLING AVAILABILITY IS COVERED IN X-19937.
7. TERMINATION REQUIREMENTS ARE COVERED IN X-19937.
8. FOR ADDITIONAL INFORMATION CALL 1-800-237-2374
9. ○ — = AVAILABILITY DISCONTINUED

		HOUSING (SEE TABLE) & NOTE 2	2
		CONTACT (SEE TABLE & NOTE 2)	1
REQ.	IDENT NO.	DESCRIPTION	ITEM

STOCKLIST

mat'l. code SEE NOTES				tolerances unless otherwise specified				CUSTOMER COPY		 Electronics www.fciconnect.com						
ltr	ecn no	dr	date	linear					projection 	title						
A	V12869	CGD	1/22/02							963P CONNECTOR HOUSING						
										CONTACT ASSY w/ .125" CENTERS						
				angles					INCH 	product family FASTECH				code		
				dr	C. DAILY	1/22/02					size dwg no		213			
				engr	R. CONRAD	1/22/02					A A81KC4144					
				chr	R. CONRAD	1/22/02										
				appd	R. CONRAD	1/22/02					scale 1:1				sheet 1 of 6	
sheet index	revision sheet	A	A	A	A	A	A	A								
		1	2	3	4	5	6									

1 | 2

3

4

963P10

SINGLE ROW

SEE NOTE 4

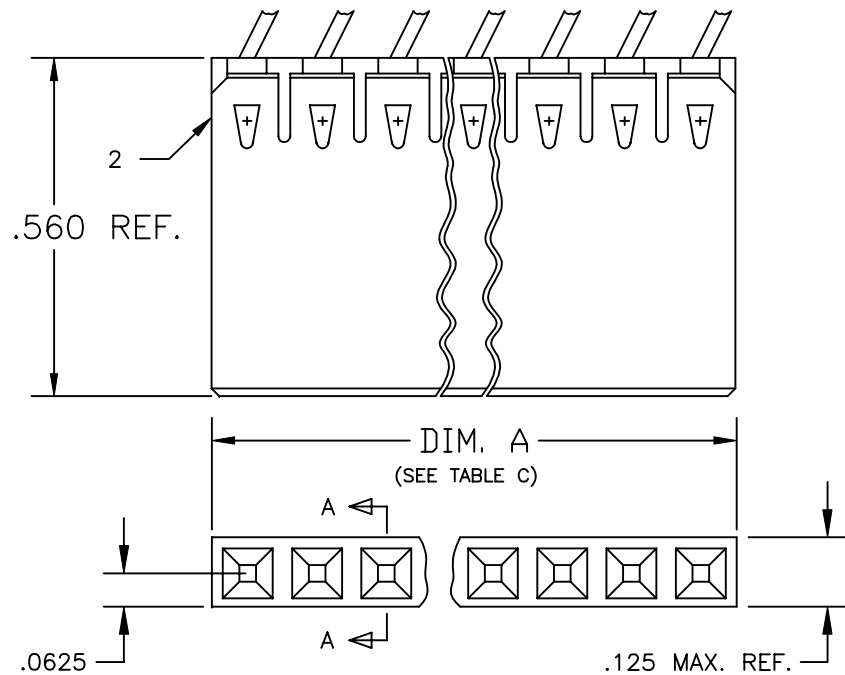
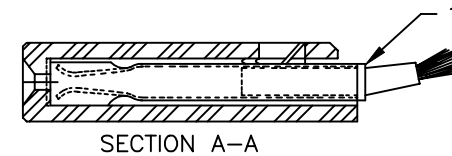


TABLE C

	CODE	DIM. A REF.	HOUSING SIZE	ITEM 1 NO. REQD.	ITEM 2 COMCODE	ITEM 2 NO. REQD.
○	963P10-1	.120	1 X 1	1	845379403	1
	963P10-2	.245	1 X 2	2	845379411	1
	963P10-3	.370	1 X 3	3	845379429	1
	963P10-4	.495	1 X 4	4	845379437	1
○	963P10-5	.620	1 X 5	5	845379445	1
	963P10-6	.745	1 X 6	6	845379452	1
	963P10-7	.870	1 X 7	7	845379460	1
○	963P10-8	.995	1 X 8	8	845379478	1
○	963P10-9	1.120	1 X 9	9	845379486	1
○	963P10-10	1.245	1 X 10	10	845379494	1
○	963P10-11	1.370	1 X 11	11	845379502	1
○	963P10-12	1.495	1 X 12	12	845379510	1
○	963P10-13	1.620	1 X 13	13	845379528	1
	963P10-14	1.745	1 X 14	14	845379536	1
	963P10-15	1.870	1 X 15	15	845379544	1
	963P10-16	1.995	1 X 16	16	845379551	1



mat'l. code SEE NOTES				tolerances unless otherwise specified				CUSTOMER COPY		Electronics www.fciconnect.com	
ltr	ecn no	dr	date	linear				projection	title 963P CONNECTOR HOUSING CONTACT ASSY w/ .125" CENTERS		
A											
				angles					product family FASTECH size dwg no		
				dr	C. DAILY	1/22/02					
				enr	R. CONRAD	1/22/02	INCH scale 1:1	A A81KC4144			
				chr	R. CONRAD	1/22/02					
				appd	R. CONRAD	1/22/02	sheet index				
sheet		revision									
index		sheet									

963P 1

DOUBLE ROW SIDE POLARIZED

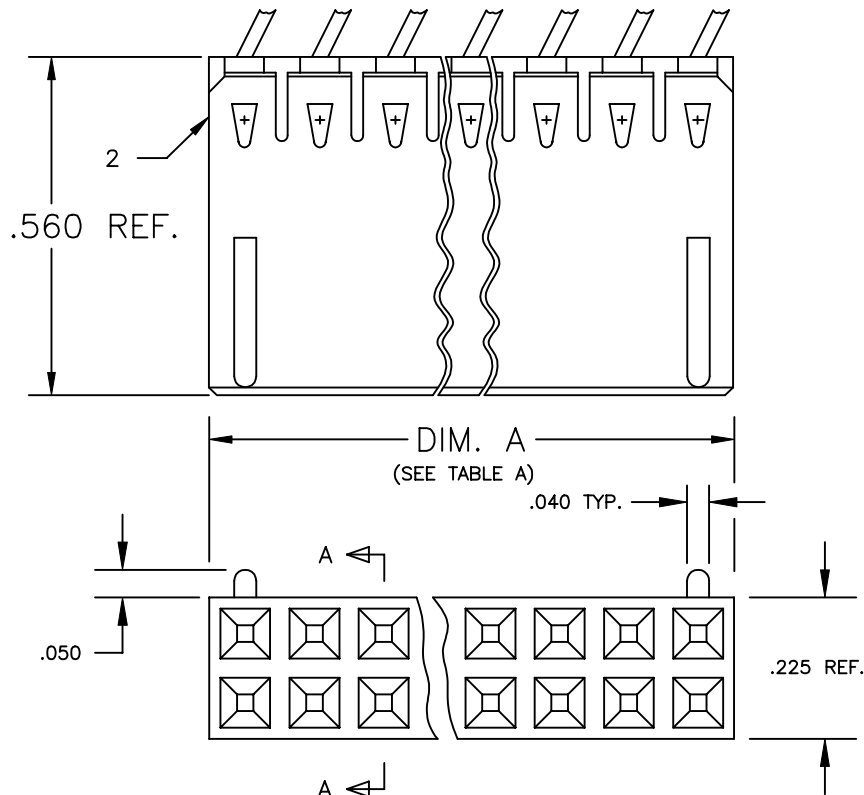
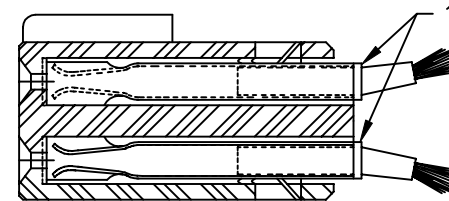


TABLE A

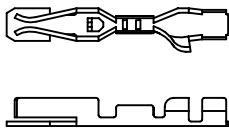
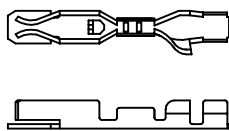
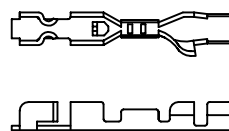
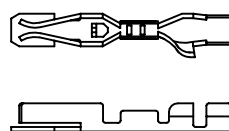
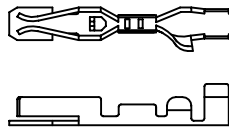
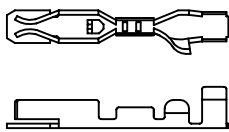
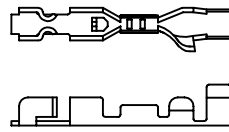
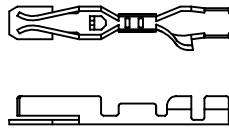
CODE SEE NOTE 5	DIM. A REF.	HOUSING SIZE	ITEM 1 NO. REQD.	ITEM 2 COMCODE	ITEM 2 NO. REQD.
963P1-2	.120	2 X 1	2	843939364	1
963P1-4	.245	2 X 2	4	843939372	1
963P1-6	.370	2 X 3	6	843939380	1
963P1-8	.495	2 X 4	8	843939398	1
963P1-10	.620	2 X 5	10	843939406	1
963P1-12	.745	2 X 6	12	843939414	1
963P1-14	.870	2 X 7	14	843939422	1
963P1-16	.995	2 X 8	16	843939430	1
963P1-20	1.245	2 X 10	20	843939455	1
963P1-22	1.370	2 X 11	22	843939463	1
963P1-24	1.495	2 X 12	24	843939471	1
963P1-30	1.870	2 X 15	30	843939505	1

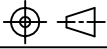
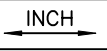


SECTION A-A

mat'l. code SEE NOTES				tolerances unless otherwise specified				CUSTOMER COPY		Electronics www.fciconnect.com	
ltr	ecn no	dr	date	linear				projection		title	
A				angles						963P CONNECTOR HOUSING CONTACT ASSY w/ .125" CENTERS	
				dr	C. DAILY	1/22/02		INCH		product family FASTECH	
				enr	R. CONRAD	1/22/02		scale		size dwg no	
				chr	R. CONRAD	1/22/02		1:1		A A81KC4144	
				appd	R. CONRAD	1/22/02				code 213	
sheet index		revision sheet								sheet 3 of -	

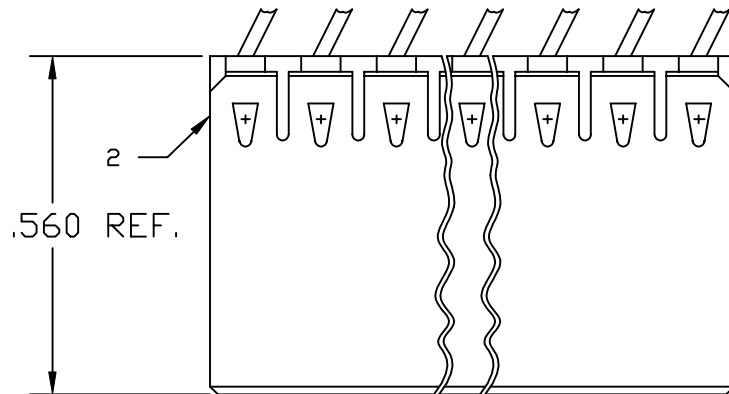
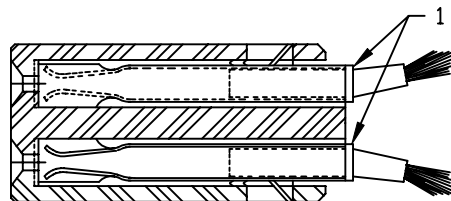
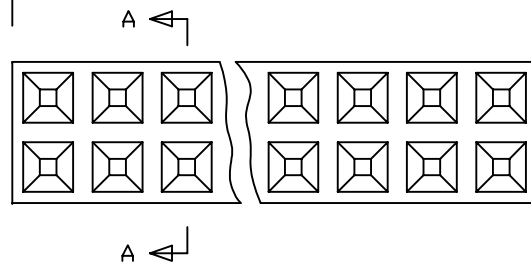
CONTACT TABLE
963 P CONTACT FAMILY
IDENTIFICATION

	STANDARD	HIGH RETENTION	EXTRA HIGH RETENTION	SOLDER
24 - 27 GAUGE WIRE	 963P * 843939612 ** 845576255	 963PH * 845381235 ** 845576263	 963PX * 845575125 ** 845576271	 963PS * 846288082 ** 845852243
22 GAUGE WIRE	 963P22 * 845380187 ** 845576289	 963PH22 * 845575950 ** 845576297	 963PX22 * 845575968 ** 845576305	
28 GAUGE WIRE	 963P28 * 845856574 ** 845855428			
** LOOSE CONTACTS 500 PCS./BAG * CONTACTS REELS 20,000/REEL				

mat'l. code SEE NOTES				tolerances unless otherwise specified				CUSTOMER COPY		 Electronics FCI www.fciconnect.com			
ltr	ecn no	dr	date	linear				projection				title	
A												963P CONNECTOR HOUSING CONTACT ASSY w/ .125" CENTERS	
				angles				 INCH scale 1:1	product family		code		
				dr	C. DAILY	1/22/02	FASTECH		213				
				engr	R. CONRAD	1/22/02	size dwg no		4 of -				
				chr	R. CONRAD	1/22/02	A A81KC4144						
				appd	R. CONRAD	1/22/02							
sheet index	revision sheet												

963P 9

DOUBLE ROW


 DIM. A
 (SEE TABLE E)


SECTION A-A

TABLE E

	CODE SEE NOTE 5	DIM. A REF.	HOUSING SIZE	ITEM 1 NO. REQD.	ITEM 2 COMCODE	ITEM 2 NO. REQD.
○	963P9-2	.120	2 X 1	2	845379122	1
	963P9-4	.245	2 X 2	4	845379130	1
	963P9-6	.370	2 X 3	6	845379148	1
	963P9-8	.495	2 X 4	8	845379155	1
○	963P9-10	.620	2 X 5	10	845379163	1
○	963P9-12	.745	2 X 6	12	845379171	1
	963P9-14	.870	2 X 7	14	845379189	1
	963P9-16	.995	2 X 8	16	845399197	1
○	963P9-18	1.120	2 X 9	18	845379205	1
	963P9-20	1.245	2 X 10	20	845379213	1
○	963P9-22	1.370	2 X 11	22	845379221	1
	963P9-24	1.495	2 X 12	24	845379239	1
	963P9-26	1.620	2 X 13	26	845379247	1
	963P9-28	1.745	2 X 14	28	845379254	1
○	963P9-30	1.870	2 X 15	30	845379262	1
	963P9-32	1.995	2 X 16	32	845379270	1
	963P9-34	2.120	2 X 17	34	845379288	1
	963P9-36	2.245	2 X 18	36	845379296	1
○	963P9-38	2.370	2 X 19	38	845379304	1
○	963P9-40	2.495	2 X 20	40	845379312	1
○	963P9-42	2.620	2 X 21	42	845379320	1
○	963P9-44	2.745	2 X 22	44	845379338	1
○	963P9-46	2.870	2 X 23	46	845379346	1
○	963P9-48	2.995	2 X 24	48	845379353	1
	963P9-50	3.120	2 X 25	50	845379361	1
	963P9-56	3.495	2 X 28	56	845379395	1

mat'l. code SEE NOTES				tolerances unless otherwise specified			CUSTOMER COPY		 FCI Electronics www.fciconnect.com	
ltr	ecn no	dr	date	linear			projection	title 963P CONNECTOR HOUSING CONTACT ASSY w/ .125" CENTERS		
A										
				angles			 INCH	product family		code
				dr	C. DAILY	1/22/02		FASTECH		213
				enr	R. CONRAD	1/22/02	scale	size		sheet
				chr	R. CONRAD	1/22/02		dwg no		5 of -
				appd	R. CONRAD	1/22/02	1:1	A A81KC4144		
sheet index	revision sheet									

963 P
CONNECTOR CODING
SYSTEM
.125" CENTERS

DESIGNATES
CONNECTOR
FAMILY

1—DOUBLE ROW SIDE POLARIZED
SEE NOTE 3.

10—SINGLE ROW.

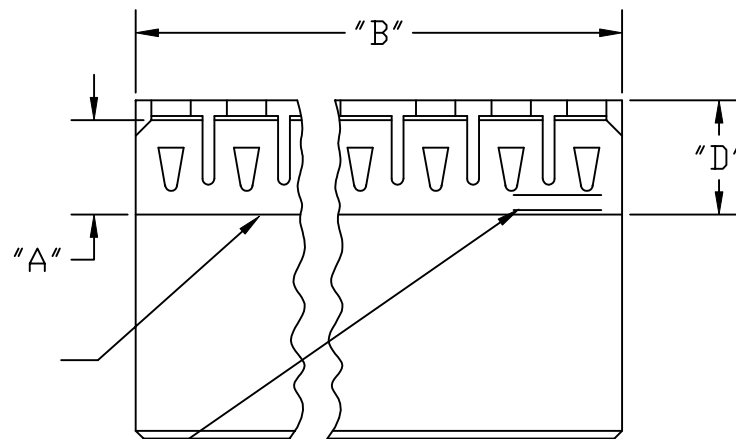
9—DOUBLE ROW

NUMBER OF USABLE
CONTACTS

USED ONLY FOR NON-STANDARD
PLUGGED LOCATIONS — SEE
HOUSING DRAWING FOR
DETAILS

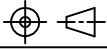
963P 10 — 6 — XXX

963P—1,8,9,10,12 MARKING



CODE MARK SHALL BE MOLDED IN AREAS
AB OR DB IN .040 ± .005 LETTERS;
MAXIMUM EMBOSMENT .003; OR EITHER
INK OR LASER MARKED IN CONVENIENT
LETTER SIZE AND AREA.

SCALE: NTS

mat'l. code SEE NOTES				tolerances unless otherwise specified				CUSTOMER COPY		 Electronics FCI www.fciconnect.com			
ltr	ecr no	dr	date	linear				projection				title	
A												963P CONNECTOR HOUSING CONTACT ASSY w/ .125" CENTERS	
				angles				INCH ←→	product family		code		
				dr	C. DAILY	1/22/02	FASTECH		213				
				enr	R. CONRAD	1/22/02	size		dwg no	sheet			
				chr	R. CONRAD	1/22/02	A		A81KC4144	6 of —			
				appd	R. CONRAD	1/22/02	scale		1:1				
sheet	revision												
index	sheet												