



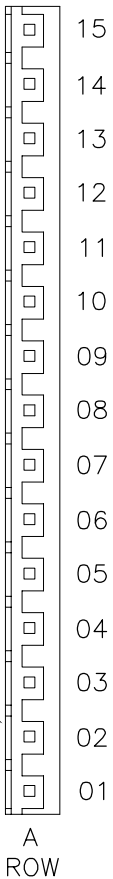
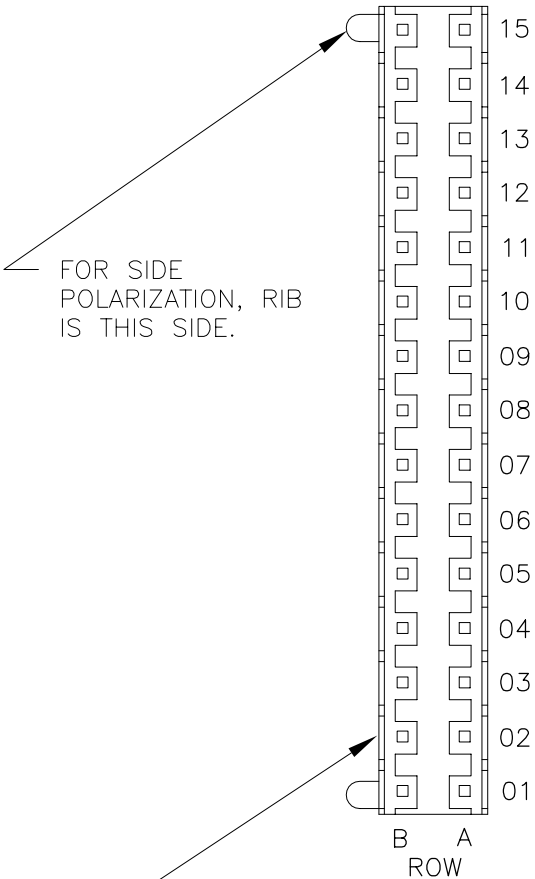
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963P
CONTACT
NUMBERING
SYSTEM



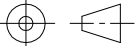
SPECIFICATIONS:

INSULATOR MATERIAL:	30% GLASS-FILLED NYLON 6-12, FLAME RETARDANT
CONTACT BASR MATERIAL:	CA72500
CONTACT PLATING:	70 MICROINCHES MIN OF DGR-156 (DIFFUSED Au IN PdAg)
POINT OF CONTACT FROM INSULATOR FACE:	0.115 (963P AND 963PH) 0.145 (963PX)
PIN STOP FROM INSULATOR FACE:	0.245
RECOMMENDED MATING PIN LENGTH:	0.225+/-0.030
CONTACT WIRE GAUGE:	22-29 GA.
CONTACT WIRE TERMINATION:	OPEN BARREL CRIMP
CONTACT CURRENT:	1.5 A MAX*
CONTACT RESISTANCE:	6 MILLIOHMS TYPICAL
VOLTAGE BREAKDOWN:	1000 VAC
MAXIMUM ALLOWABLE PULL ON WIRE:	4 LBS. MAX AXIAL LOAD ON EACH CONTACT
AVG INSERTION FORCE/RETANTION FORCE PER CONTACT	.3/.2 LBS - 963P .5/.3 LBS - 963PH .65/.45 - 963PX .7/.4 - 963PS
TERMINATION EQUIPMENT	
CRIMP TOOL, HAND, FOR 22-28 GAUGE WIRE:	1000B

*BASED ON 30 DEG. C TEMP RISE, ALL CONTACTS SIMULTANEOUSLY CARRYING SAME CURRENT, FREE CONVECTION COOLING.

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

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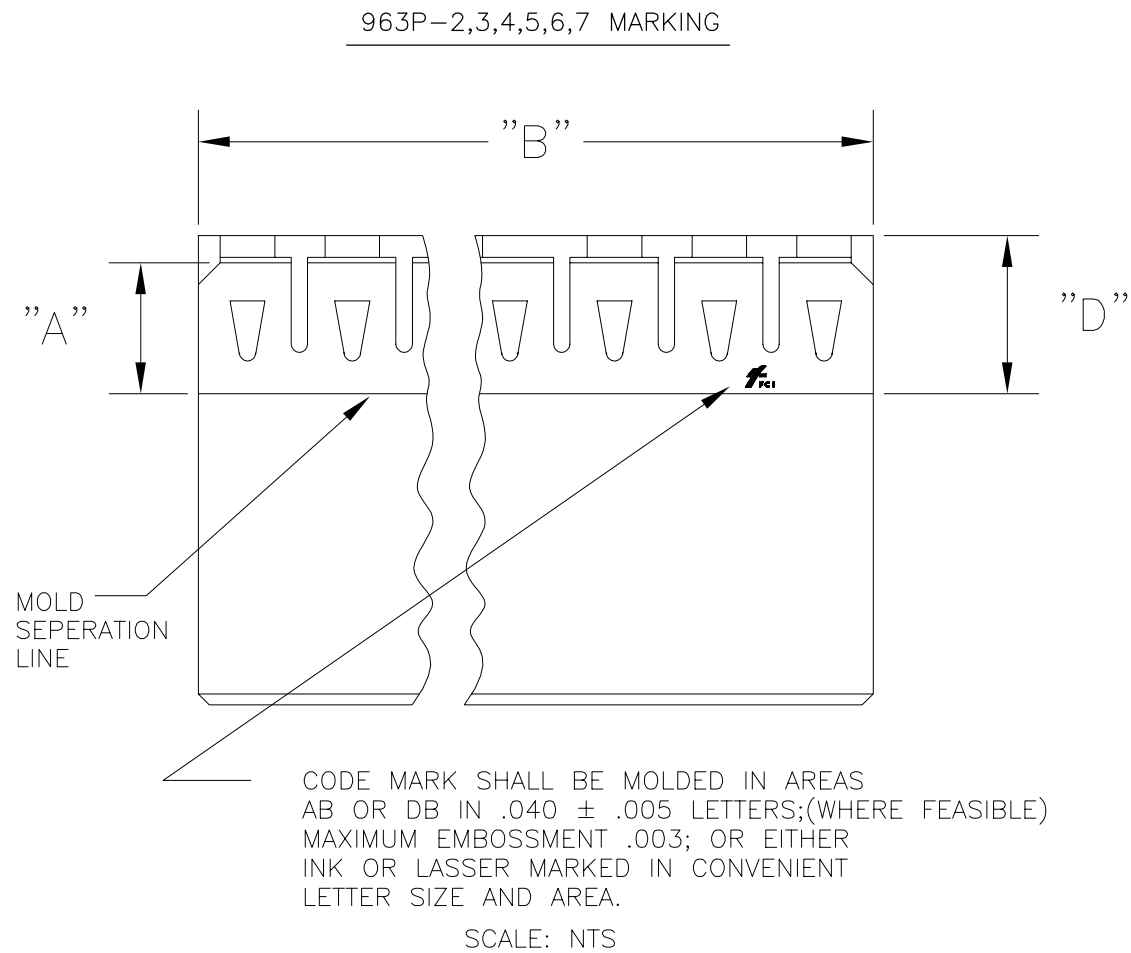
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A	V20380	CGD	2/25/02		.XXX ±.003																			
					.XXXX ±.0020																			
				angles	0° ±2°						 INCH scale 1:1	product family FASTECH						code						
				dr	C. DAILY			2/25/02				size	dwg no						213					
				engr	R.CONRAD			2/25/02					A A83KC4169						sheet 1 of 7					
				chr	R.CONRAD			2/25/02																
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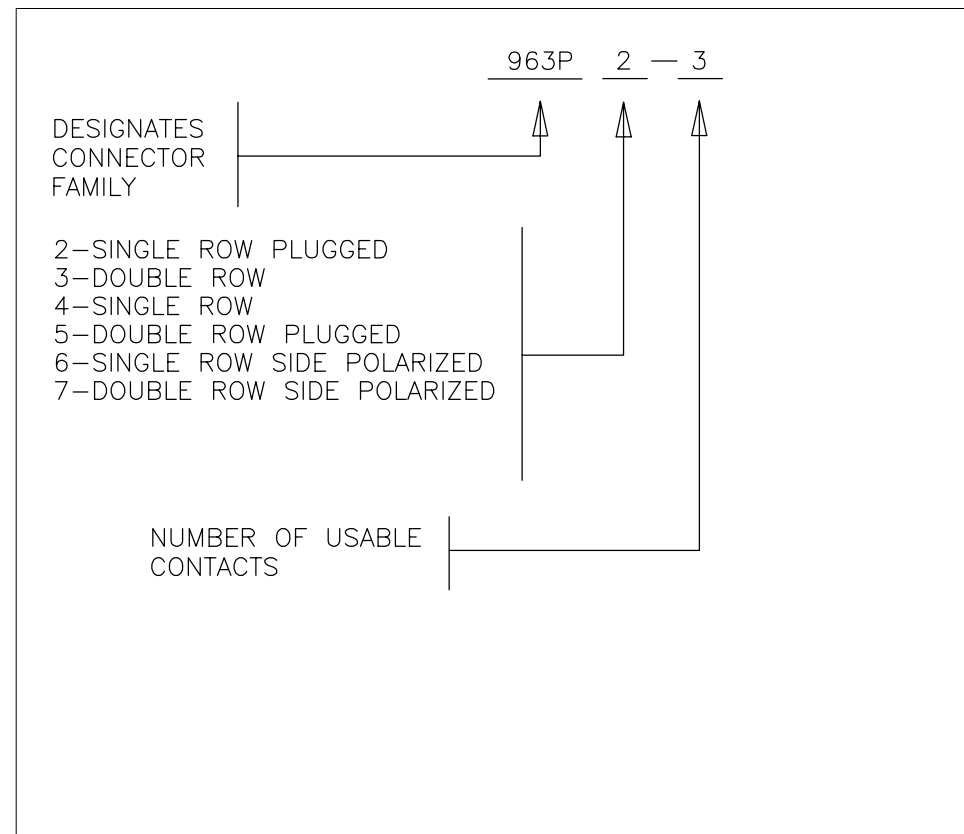
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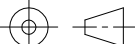
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963 P
CONNECTOR CODING
SYSTEM
.100" CENTERS



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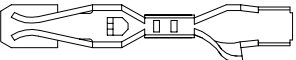
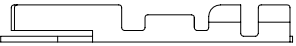
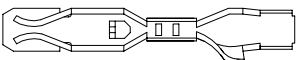
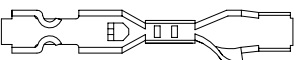
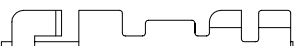
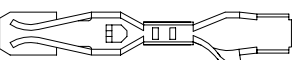
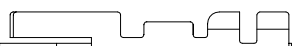
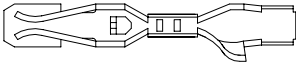
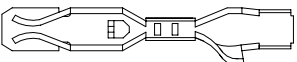
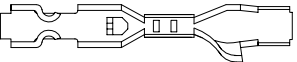
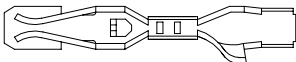
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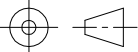
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CONTACT TABLE
963 P CONTACT FAMILY
IDENTIFICATION

	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		

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A					.xxx ±.003					
					.xxxx ±.0020					
				angles	0° ±2°	projection  INCH scale 1:1	product family FASTECH			
				dr	C. DAILY	2/25/02	size A A83KC4169			
				engr	R. CONRAD	2/25/02				
				chr	R. CONRAD	2/25/02				
				appd	R. CONRAD	2/25/02				
sheet index	revision sheet									

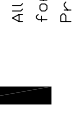
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213

4 of

A83KC4169

FASTECH

963P CONNECTOR

ASSEMBLY .100" CENTERS

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THIS POSITION IS PLUGGED FOR NON-STANDARD PLUGGED LOCATIONS, SEE HOUSING DRAWING.

.125 MAX. REF.

.0625

DIM. A (SEE TABLE D)

.560 REF.

963P2 SINGLE ROW PLUGGED

TABLE D

ITEM 2 COMCODE

ITEM 2 NO. REQD.

HOUSING SIZE

DIM. A REF.

CODE

963P2-2

963P2-3

963P2-4

963P2-5

963P2-6

963P2-7

963P2-8

963P2-9

963P2-10

963P2-11

963P2-12

963P2-13

963P2-14

SECTION A-A

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213

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963P2-9

963P2-10

963P2-11

963P2-12

963P2-13

963P2-14

SECTION A-A

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963P2-14

SECTION A-A

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4 of

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963P CONNECTOR

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SECTION A-A

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213

4 of

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963P CONNECTOR

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SECTION A-A

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213

4 of

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FASTECH

963P CONNECTOR

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SECTION A-A

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ACAD

PDM: Rev:A

STATUS Released

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963P CONNECTOR

ASSEMBLY .100" CENTERS

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HOUSING SIZE

DIM. A REF.

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963P2-6

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963P2-13

963P2-14

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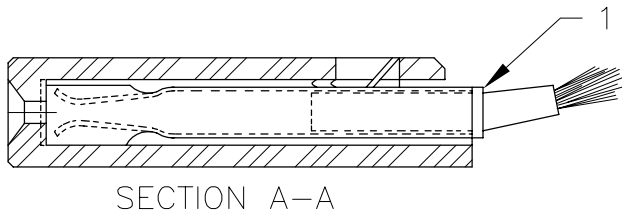
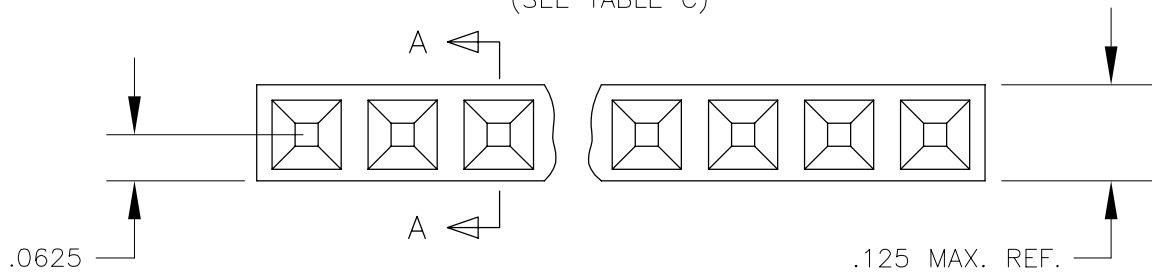
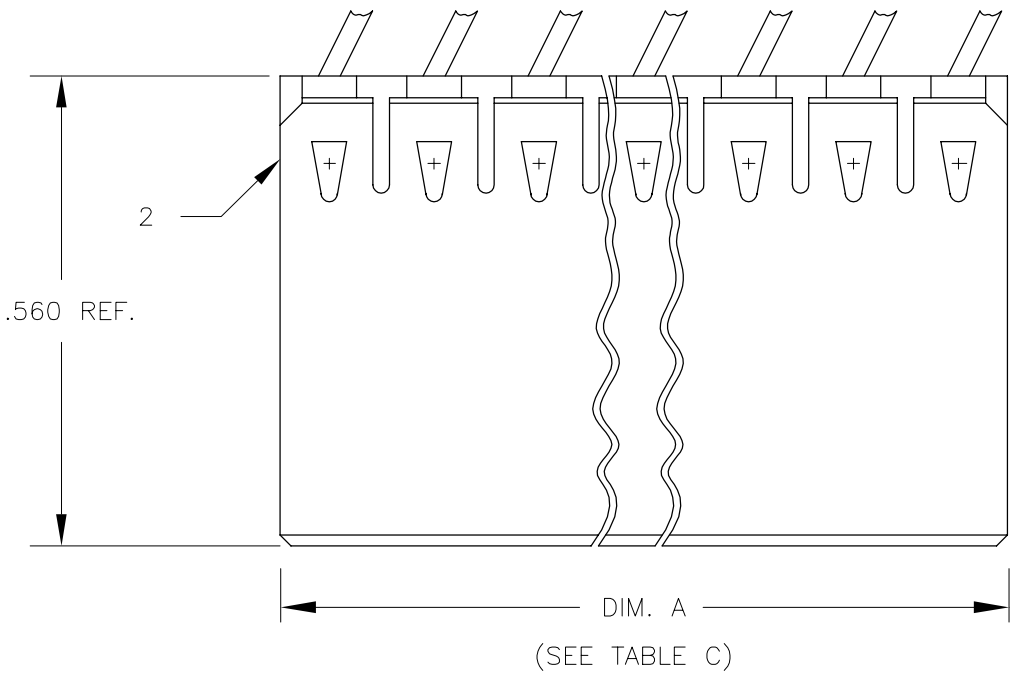
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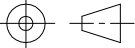
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963P4-2	.196	1 X 2	2	844637173	1
963P4-3	.296	1 X 3	3	844637181	1
963P4-4	.396	1 X 4	4	844637199	1
963P4-5	.496	1 X 5	5	844637207	1
963P4-6	.596	1 X 6	6	844637215	1
963P4-7	.696	1 X 7	7	844637223	1
963P4-8	.796	1 X 8	8	844637231	1
963P4-9	.896	1 X 9	9	844637249	1
963P4-10	.996	1 X 10	10	844637256	1
963P4-11	1.096	1 X 11	11	844637264	1
963P4-12	1.196	1 X 12	12	844637272	1
963P4-13	1.296	1 X 13	13	844637280	1
963P4-14	1.396	1 X 14	14	844637298	1
963P4-15	1.496	1 X 15	15	845074368	1

963P4
SINGLE ROW



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