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PRODUCT NUMBER
SEE TABLE

.100 ±.004
2.54 ±.10
NON-ACCUMULATIVE
TYP

DIM A ±.004
±.010

.034
0.86
TYP

.070
1.78 REF
2 PLACES

.100
2.54

.240
6.10

.325±.010
8.26±0.25

-A-

.029
0.74
TYP REF

⊥ A .005/.13
TYP

.100
2.54
TYP

DIM B MAX

.013
0.32 REF

.14
3.6

.047
1.19 REF
2 PLACES

.010
0.25 REF
2 PLACES

.100
2.54
AT HOUSING

mat'l. code NOTES 1 & 2				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family CARD CONN
ltr	ec	no	dr	date	tolerances unless otherwise specified	 scale 4:1	title
E	-NONE-	MRC	2/24/92		angles linear .XX±.01/.X±.3		VERT. CARD CONNECTOR
F	V23245	MRC	10/13/92		.XXX±.0.005/.XX±.13		.100/2.54 CTR., DBL ROW
G	V70788	LSS	6/12/97	0'±2'	.XXXX±.0020/.XXX±.051		dwg no
H	V80354	EPK	3/6/98	dr	M. CORNMANN 12/24/92		sheet 1 of 3 size
J	V94468	MDF	1/11/00	enr	W. NORTHEY 12/24/92	 A3	66952
K	M05-0216	ERE	10/11/05	chr	W. NORTHEY 12/24/92		type Product Customer Drawing
L	M06-0210	MHT	6/03/06	app	W. NORTHEY 12/24/92		
sheet index	revision	L	L	L			
	sheet	1	2	3			

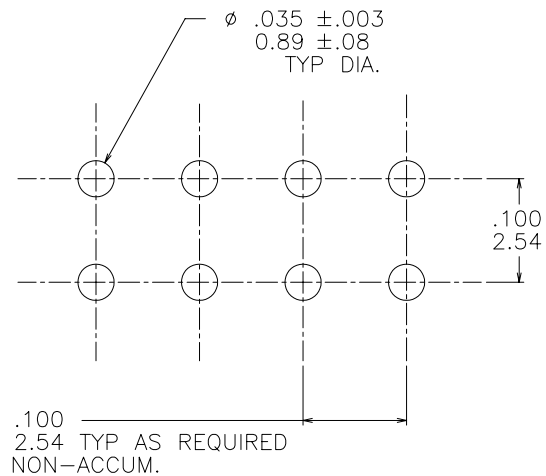
form: A3



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SEE TABLE



NOTES.

- ① HOUSING MATERIAL: FILLED POLYESTER.
FLAME RETARDANT PER UL 94V-0.
COLOR: BLACK.
- ② TERMINAL MATERIAL:
BODY: BRASS
SPRING: {BeCu. HEAT TREATED
BODY PLATING: 15u"/.38u Au OVER 50u"/1.27u Ni IN CONTACT AREA,
SPRING PLATING: GOLD FLASH
3. MARK FCI PART NUMBER AND DATE CODE LEGIBLE
ON TUBE LABEL.
4. APPLICATION INFORMATION.
A. RECOMMENDED MOUNTING HOLE PATTERN IS SHOWN IN FIG. A
B. ALL MATING PINS TO BE .025/.64 SQUARE ON TRUE CENTER OF GIVEN
TERMINAL SPACINGS, WITHIN .015/.38 DIAMETER.
C. SUGGESTED MATING PIN LENGTH, .210 $\pm$.020/5.33 $\pm$.51.
- ⑤ SPECIAL SPRING .0050 / .127.
- ⑥ ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
7. THESE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
8. THIS PART WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE
FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE
SOLDER PROCESS.

mat'l. code				surface ISO 1302 ☒	tolerance ISO 406 ISO 1101	projection 	product family CARD CONN
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM scale 4:1 	title VERT. CARD CONNECTOR .100/2.54 CTR., DBL ROW
L				angles	linear		
				0°±2'			
				dr	M. CORNMANN	12/24/92	dwg no 66952 sheet 2 of 3 size A3
				enr	W. NORTHEY	12/24/92	
				chr	W. NORTHEY	12/24/92	
				app	W. NORTHEY	12/24/92	type Product Customer Drawing
sheet index	revision sheet						

form: A3



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PRODUCT NO.	SIZE	DIM A	DIM B	LEAD FREE OPTION
66952-001	U N A S S I G N E D			
-002	2 X 2	.100/2.54	.200/5.08	
-003	2 X 3	.200/5.08	.300/7.62	
-004	2 X 4	.300/7.62	.400/10.16	
-005	2 X 5	.400/10.16	.500/12.70	
-006	2 X 6	.500/12.70	.600/15.24	
-007	2 X 7	.600/15.24	.700/17.78	
-008	2 X 8	.700/17.78	.800/20.32	
-009	2 X 9	.800/20.32	.900/22.86	
-010	2 X 10	.900/22.86	1.000/25.40	
-011	2 X 11	1.000/25.40	1.100/27.94	
-012	2 X 12	1.100/27.94	1.200/30.48	
-013	2 X 13	1.200/30.48	1.300/33.02	
-014	2 X 14	1.300/33.02	1.400/35.56	
-015	2 X 15	1.400/35.56	1.500/38.10	
-016	2 X 16	1.500/38.10	1.600/40.64	
-017	2 X 17	1.600/40.64	1.700/43.18	
-018	2 X 18	1.700/43.18	1.800/45.72	
-019	2 X 19	1.800/45.72	1.900/48.26	
-020	2 X 20	1.900/48.26	2.000/50.80	
-021	2 X 21	2.000/50.80	2.100/53.34	
-022	2 X 22	2.100/53.34	2.200/55.88	
-023	2 X 23	2.200/55.88	2.300/58.42	
-024	2 X 24	2.300/58.42	2.400/60.96	
-025	2 X 25	2.400/60.96	2.500/63.50	
-026	2 X 26	2.500/63.50	2.600/66.04	
-027	2 X 27	2.600/66.04	2.700/68.58	
-028	2 X 28	2.700/68.58	2.800/71.12	
-029	2 X 29	2.800/71.12	2.900/73.66	
66052-030	2 X 30	2.900/73.66	3.000/76.20	

DBS

NOTE 6

NOTE 6

PRODUCT NO.	SIZE	DIM A	DIM B	LEAD FREE OPTION
66052-031	2 X 31	3.000/76.20	3.100/78.74	
-032	2 X 32	3.100/78.74	3.200/81.28	
-033	2 X 33	3.200/81.28	3.300/83.82	
-034	2 X 34	3.300/83.82	3.400/86.36	
-035	2 X 35	3.400/86.36	3.500/88.90	
-036	2 X 36	3.500/88.90	3.600/91.44	
66952-213	2 X 13	1.200/30.48	1.300/33.02	

NOTE 6

NOTE 5

mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection 	product family CARD CONN
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM scale 4:1	title VERT. CARD CONNECTOR .100/2.54 CTR., DBL ROW
L				angles	linear		
				0°±2'			
				dr	M. CORNMAN	12/24/92	dwg no 66952
				enr	W. NORTHEY	12/24/92	
				chr	W. NORTHEY	12/24/92	
				app	W. NORTHEY	12/24/92	type Product Customer Drawing
sheet index	revision sheet						

Mouser Electronics

Authorized Distributor

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[FCI / Amphenol:](#)

[66952-012](#) [66952-016](#) [66952-012LF](#) [66952-016LF](#) [66952-010LF](#) [66952-015LF](#)