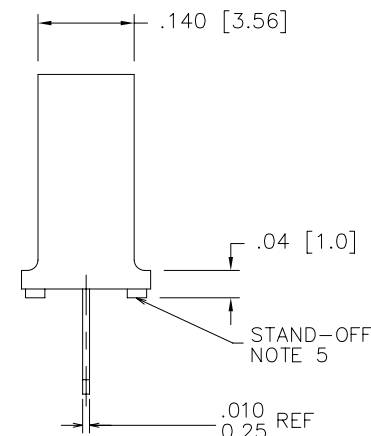
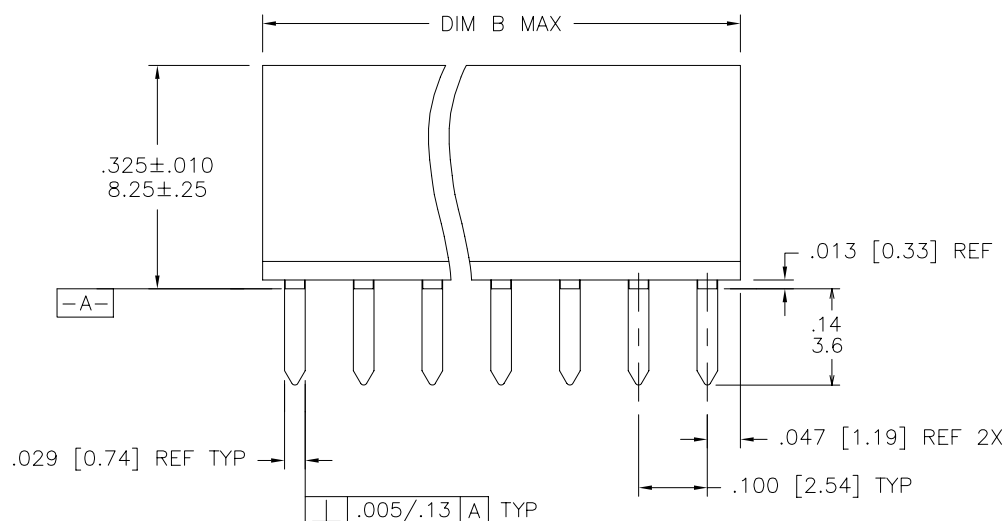
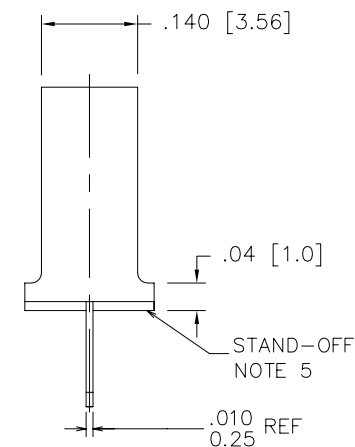
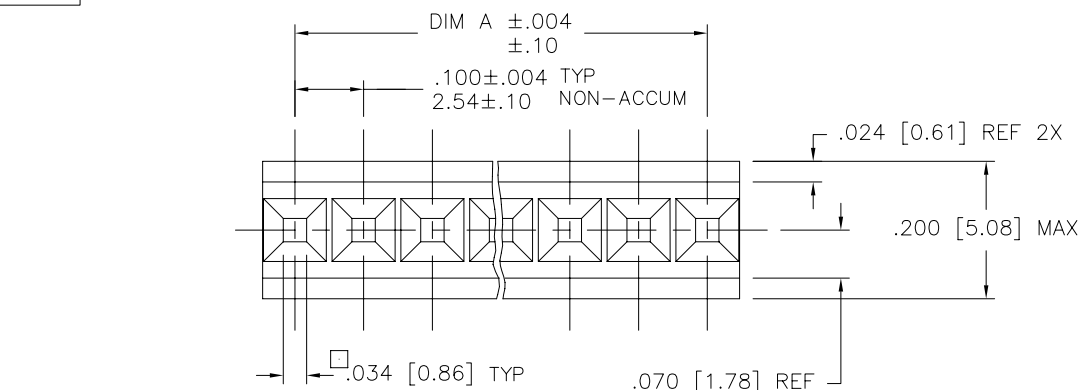




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PRODUCT NUMBER
SEE TABLE



mat'l. code				surface		tolerance		projection		product family				
NOTES 1 & 2				ISO 1302 ✓		ISO 406 ISO 1101				CARD CONN				
ltr	ecn	no	dr	date	tolerances unless otherwise specified				 INCH/MM		title			
F	V11848	JGS		7/2/91	angles	linear	.XX±.01/.X±.3				VERTICAL CARD CONNECTOR			
G	V23245	MRC		10/13/92			.XXX±.0005/.XX±.13		.100/2.54 CTR. SINGLE. ROW					
H	V70789	MDF		8/14/97			.XXXX±.0020/.XXXX±.051		scale 4:1					
J	V94468	MDF		1/7/00	dr	J.SHREINER	12/11/90			dwg no		sheet 1 of 4		size
K	M05-0216	ERE		10/11/05	enrg	M.HAHN	12/11/90			66951		A3		
L	M06-0210	MHT		6/03/06	chr	M.HAHN	12/11/90			type Product Customer Drawing				
M	M07-0143	ERE		03/03/07	appd	M.HAHN	12/11/90							
sheet	revision	M	M	M	M									
index	sheet	1	2	3	4									

form: A3

PRODUCT NUMBER
SEE TABLE

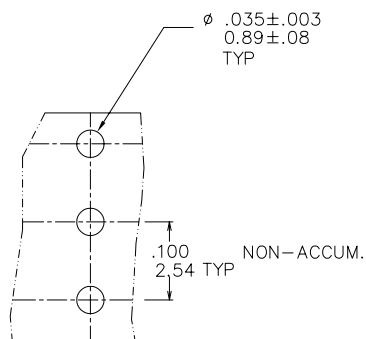




FIG.1
SCALE 5/1

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: 30u"/.76u Au OVER 50u" /1.27u Ni IN CONTACT AREA.
100u"/2.54u Sn (NOTE 9) OVER 50u" /1.27u Ni ON SOLDER TAIL.
SPRING PLATING: GOLD FLASH
3. MARKED FCI PART NUMBER & DATE CODE LEGIBLE ON TUBE LABEL.
4. APPLICATION INFORMATION.
A. RECOMMENDED MOUNTING HOLE PATTERN IS SHOWN IN FIG. #1.
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 ± .020 / 5.33 ± .51.
- ⑤. STAND-OFF CONFIGURATION:
BUMP OR RIB AT MANUFACTURERS' OPTION.
- 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.
- ⑨. "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND
HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT
ENVIRONMENTS."

mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family CARD CONN
ltr	ecn	no	dr	date	tolerances unless otherwise specified	 scale 4:1	title
M					angles linear .XX ± .01 / .X ± .3 .XXX ± 0.005 / .XX ± .13 .XXXX ± .0020 / .XXX ± .051		VERTICAL CARD CONNECTOR
					0' ± 2'		.100/2.54 CTR. SINGLE. ROW
				dr	J. SHREINER 12/11/90		dwg no
				enr	M. HAHN 12/11/90		sheet 2 of 4 size
				chr	M. HAHN 12/11/90		66951 A3
				appd	M. HAHN 12/11/90		type Product Customer Drawing
sheet index	revision sheet						



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PRODUCT NO	NO. OF POS	DIM A	DIM B	DESC P/N ON -8XX SERIES ONLY	LEAD FREE OPTION
66951-Y01	U N A S S I G N E D				
-Y02	1X2	.100/2.54	.200/5.08	WWWWW-02	OBS NOTE 6,7 NOTE 6,7
-Y03	1X3	.200/5.08	.300/7.62	WWWWW-03	
-Y04	1X4	.300/7.62	.400/10.16	WWWWW-04	
-Y05	1X5	.400/10.16	.500/12.70	WWWWW-05	
-Y06	1X6	.500/12.70	.600/15.24	WWWWW-06	
-Y07	1X7	.600/15.24	.700/17.78	WWWWW-07	
-Y08	1X8	.700/17.78	.800/20.32	WWWWW-08	
-Y09	1X9	.800/20.32	.900/22.86	WWWWW-09	
-Y10	1X10	.900/22.86	1.000/25.40	WWWWW-10	
-Y11	1X11	1.000/25.40	1.100/27.94	WWWWW-11	
-Y12	1X12	1.100/27.94	1.200/30.48	WWWWW-12	
-Y13	1X13	1.200/30.48	1.300/33.02	WWWWW-13	
-Y14	1X14	1.300/33.02	1.400/35.56	WWWWW-14	
-Y15	1X15	1.400/35.56	1.500/38.10	WWWWW-15	
-Y16	1X16	1.500/38.10	1.600/40.64	WWWWW-16	
-Y17	1X17	1.600/40.64	1.700/43.18	WWWWW-17	
-Y18	1X18	1.700/43.18	1.800/45.72	WWWWW-18	
-Y19	1X19	1.800/45.72	1.900/48.26	WWWWW-19	
-Y20	1X20	1.900/48.26	2.000/50.80	WWWWW-20	
-Y21	1X21	2.000/50.80	2.100/53.34	WWWWW-21	
-Y22	1X22	2.100/53.34	2.200/55.88	WWWWW-22	
-Y23	1X23	2.200/55.88	2.300/58.42	WWWWW-23	
-Y24	1X24	2.300/58.42	2.400/60.96	WWWWW-24	
66951-Y25	1X25	2.400/60.96	2.500/63.50	WWWWW-25	NOTE 6,7

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 VERTICAL CARD CONNECTOR .100/2.54 CTR. SINGLE. ROW
M				angles	linear		
				0°±2'	.XX±.01/.X±.3 .XXX±.0.005/.XX±.13 .XXXX±.0020/.XXX±.051		
				dr	J.SHREINER	12/11/90	FCI dwg no 66951 sheet 3 of 4 size A3
				enr	M.HAHN	12/11/90	
				chr	M.HAHN	12/11/90	
				appd	M.HAHN	12/11/90	
sheet index	revision sheet						type Product Customer Drawing

form: A3



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PRODUCT NO	NO. OF POS	DIM A	DIM B	DESC P/N ON -8XX SERIES ONLY	LEAD FREE OPTION
66951-Y26	1X26	2.500/63.50	2.600/66.04	WWWWW-26	NOTE 6,7
-Y27	1X27	2.600/66.04	2.700/68.58	WWWWW-27	
-Y28	1X28	2.700/68.58	2.800/71.12	WWWWW-28	
-Y29	1X29	2.800/71.12	2.900/73.66	WWWWW-29	
-Y30	1X30	2.900/73.66	3.000/76.20	WWWWW-30	
-Y31	1X31	3.000/76.20	3.100/78.74	WWWWW-31	
-Y32	1X32	3.100/78.74	3.200/81.28	WWWWW-32	
-Y33	1X33	3.200/81.28	3.300/83.82	WWWWW-33	
-Y34	1X34	3.300/83.82	3.400/86.36	WWWWW-34	
-Y35	1X35	3.400/86.36	3.500/88.90	WWWWW-35	
66951-Y36	1X36	3.500/88.90	3.600/91.44	WWWWW-36	NOTE 6,7

mat'l. code				surface ISO 1302 <input checked="" type="checkbox"/>	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
M					angles linear .XX±.01/.X±.3		VERTICAL CARD CONNECTOR
					0'±2' .XXX±.0.005/.XX±.13 .XXXX±.0020/.XXX±.051		.100/2.54 CTR. SINGLE. ROW
				dr	J.SHREINER 12/11/90		dwg no
				enr	M.HAHN 12/11/90		sheet 4 of 4 size
				chr	M.HAHN 12/11/90		66951 A3
				appd	M.HAHN 12/11/90		type Product Customer Drawing
sheet index	revision sheet						

Mouser Electronics

Authorized Distributor

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[66951-003LF](#) [66951-005](#) [66951-007](#) [66951-011](#) [66951-013](#) [66951-015](#) [66951-019](#) [66951-028](#) [66951-032](#) [66951-](#)
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[009LF](#) [66951-011LF](#) [66951-013LF](#) [66951-015LF](#) [66951-019LF](#) [66951-028LF](#) [66951-025LF](#) [66951-020LF](#) [66951-](#)
[024LF](#) [66951-030LF](#) [66951-032LF](#) [66951-036LF](#) [66951-021LF](#) [66951-022LF](#) [66951-023LF](#) [66951-026LF](#) [66951-](#)
[027LF](#) [66951-029LF](#) [66951-031LF](#) [66951-033LF](#) [66951-034LF](#) [66951-035LF](#)