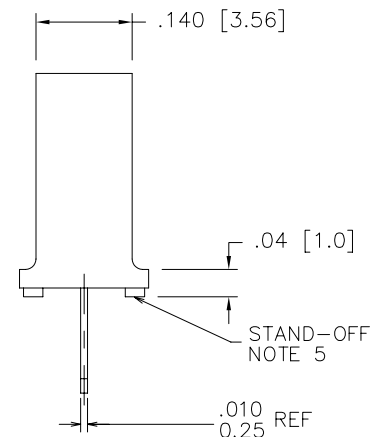
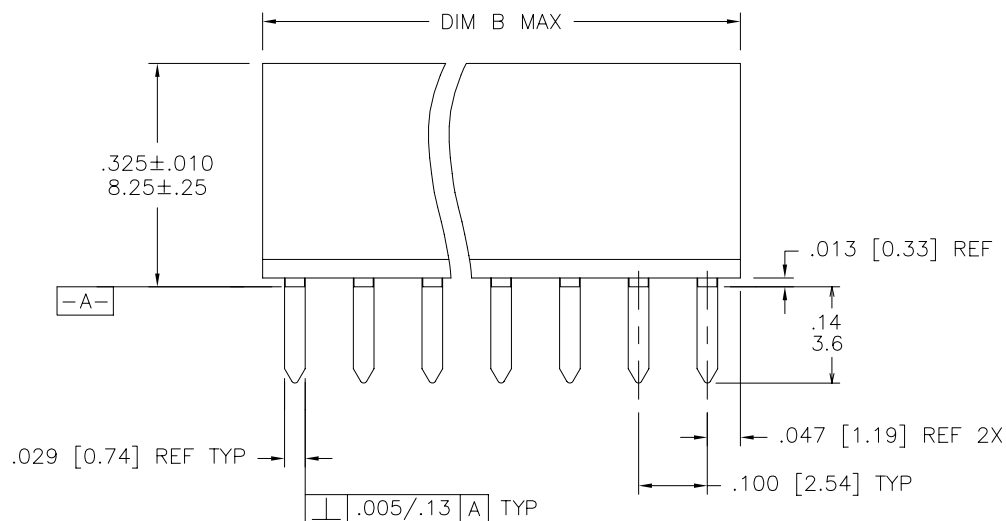
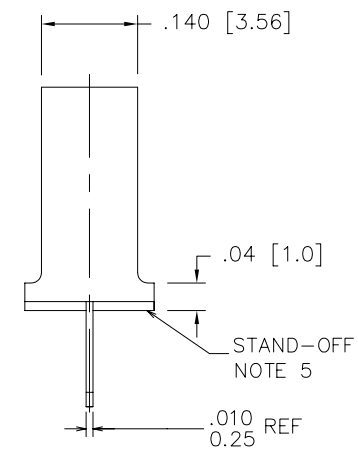
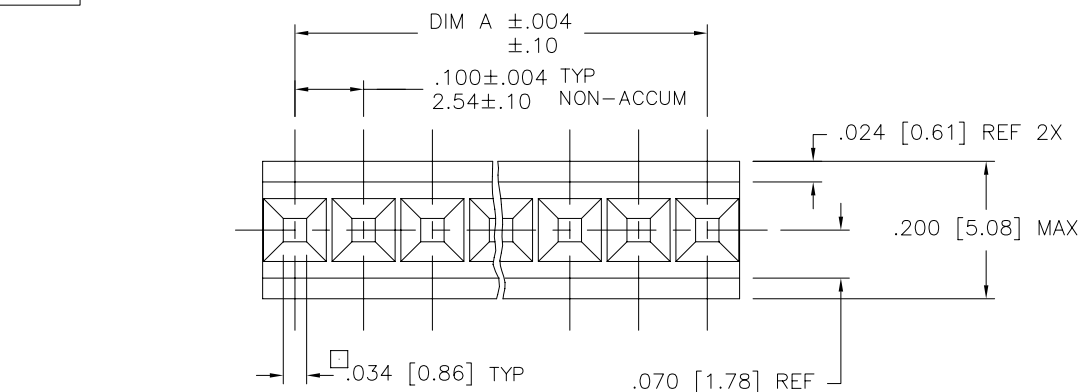




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PRODUCT NUMBER
SEE TABLE



mat'l. code NOTES 1 & 2				surface ISO 1302 ☒	tolerance ISO 406 ISO 1101	projection 	product family CARD CONN
ltr	ecr	no	dr	date	tolerances unless otherwise specified	INCH/MM scale 4:1 	title
F	V11848	JGS		7/2/91	angles		VERTICAL CARD CONNECTOR
G	V23245	MRC		10/13/92	linear		.100/2.54 CTR. SINGLE. ROW
H	V70789	MDF		8/14/97	0'±2'		sheet 1 of 4 size
J	V94468	MDF	1/7/00	dr	J.SHREINER	12/11/90	dwg no
K	M05-0216	ERE	10/11/05	enr	M.HAHN	12/11/90	66951
L	M06-0210	MHT	6/03/06	chr	M.HAHN	12/11/90	A3
M	M07-0143	ERE	03/03/07	appd	M.HAHN	12/11/90	type
sheet	revision	M	M	M	M		Product Customer Drawing
index	sheet	1	2	3	4		

form: A3

PDM: Rev:M

STATUS Released

Printed: Oct 13, 2010

PRODUCT NUMBER
SEE TABLE

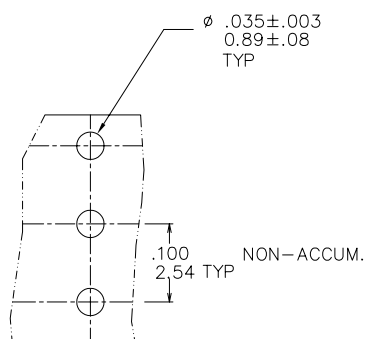


FIG. 1
SCALE 5/1

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	tolerance	projection	product family			
				ISO 1302	ISO 406 ISO 1101		CARD CONN			
ltr	ecn	no	dr	date	tolerances unless otherwise specified			title		
M					angles	linear		VERTICAL CARD CONNECTOR		
					0° ± 2°			.100/2.54 CTR. SINGLE. ROW		
								scale 4:1		
				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	revision									
index	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
-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
M				angles	linear		VERTICAL CARD CONNECTOR
				0°±2'	.XX±.01/.X±.3 .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 3 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						

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 ☒	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						