

FCI  
FCIconnect.com

Copyright FCI

mat'l. code		surface		tolerance		projection		product family	
NOTES 1 & 2		ISO 1302 ✓		ISO 406		ISO 1101		CARD CONN	
ltr	ecm no	dr	date	tolerances unless otherwise specified		INCH/MM		title	
C	REV. NOTES	EJH	3/14/86	angles	linear	.XX±.01/.X±.3		VERT. CARD CONNECTOR	
D	V70789	MDF	8/13/97			.XXX±.0.005/.XX±.13		.150/3.81 CTR. D.R 15μ"/.38μ Au	
E	M05-0216	ERE	10/11/05	0°±2'		.XXXX±.0020/.XXX±.051		scale 4:1	
F	M06-0210	MHT	6/03/06	dr	W. COPENHEAVER	11/22/82		dwg no	
				engr	C.M. DELUACA	4/11/83		sheet 1 of 2 size	
				chr	C.M. DELUACA	4/11/83		66954 A3	
				appd	C.M. DELUACA	4/11/83		type Product Customer Drawing	
sheet index	revision sheet	F	F						
		1	2						

form: A3

PRODUCT NO.	NO. OF POS.	DIM A	DIM B	LEAD FREE OPTION
66954-001		UNASSIGNED		
-002		UNASSIGNED		
-003		UNASSIGNED		
-004		UNASSIGNED		
-005	2X5	.750/19.05	.600/15.24	NOTE 5
-006	2X6	.900/22.86	.750/19.05	
-007	2X7	1.050/26.67	.900/22.86	
-008	2X8	1.200/30.48	1.050/26.67	
-009	2X9	1.350/34.29	1.200/30.48	
-010	2X10	1.500/38.10	1.350/34.29	
-011	2X11	1.650/41.91	1.500/38.10	
66954-012	2X12	1.800/45.72	1.650/41.91	NOTE 5

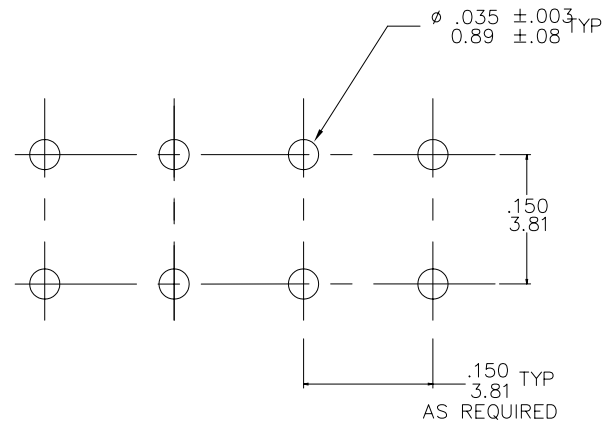


FIG.1  
SCALE 5/1

NOTES:

- ① HOUSING MATERIAL: FILLED NYLON  
COLOR: BLACK.
- ② TERMINAL MATERIAL:  
BODY: BRASS  
SPRING: BeCu. HEAT TREATED  
BODY PLATING: 15u"/.38u Au OVER 50u"/1.27 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. #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 ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
6. THESE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
7. THIS PART WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.



FCIconnect.com

Copyright FCI

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		title	
F						.XX±.01/.X±.3 .XXX±.0.005/.XX±.13 0'±2' .XXXX±.0020/.XXX±.051		INCH/MM scale 4:1	
						dr W. COPENHEAVER 11/22/82		.150/3.81 CTR. D.R 15μ"/.38μ Au	
						enrg C.M. DELUACA 4/11/83		dwg no sheet 2 of 2 size	
						chr C.M. DELUACA 4/11/83		66954 A3	
						appd C.M. DELUACA 4/11/83		type Product Customer Drawing	
sheet index		revision sheet							

form: A3