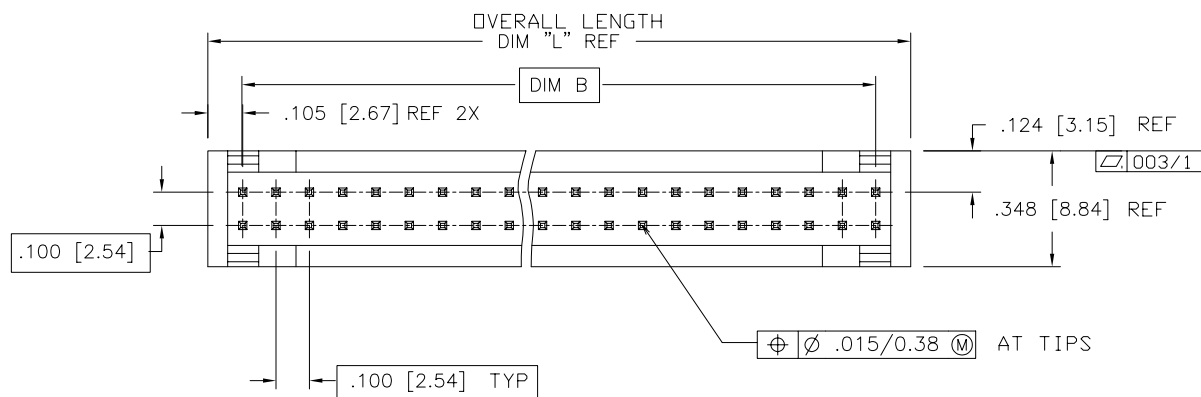




mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family HEADERS			
ltr	ecn no	dr	date		tolerances unless otherwise specified				INCH/MM	title			
E	REDRAWN	RLS	11/21/88		angles	linear	.XX±.01/.3			VERTICAL STACKING 2-ROW HEADER			
F	REVISED	MRC	5/23/91				.XXX±.005/.13			.500/12.70 W/O MOUNTING HOLES			
G	V13306	JWB	12/17/91				.XXXX±.0020/.051			scale 2:1			
H	V50569	MDF	8/11/95	dr	M. FETROW	8/11/95			dwg no		sheet 1 of 4 size		
J	V71450	HTB	10/7/97	enrg	L. FYE	8/11/95			69916		A3		
K	M05-0089	ERE	5/20/05	chr	T. BREWBAKER	8/11/95							
L	M06-0289	AGS	7/29/06	appd	L. FYE	8/11/95			type Product Customer Drawing				
sheet index		revision sheet		L	L	L	L						
				1	2	3	4						



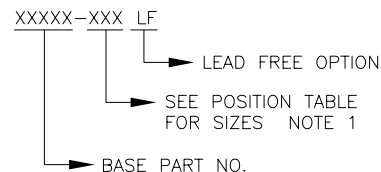
FCIconnect.com

Copyright FCI

D

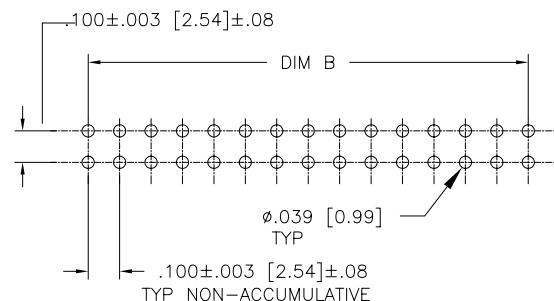
POSITION TABLE	
PRODUCT NO	SIZE
XXXXX-001	2X5
-002	2X6
-003	2X7
-004	2X8
-005	2X9
-006	2X10
-007	2X11
-008	2X12
-009	2X13
-010	2X14
-011	2X15
-012	2X16
-013	2X17
-014	2X18
-015	2X19
-016	2X20
-017	2X21
-018	2X22
-019	2X23
-020	2X24
-021	2X25
-022	2X26
-023	2X27
-024	2X28
-025	2X29
-026	2X30
-027	2X31
-028	2X32
-029	2X33
-030	2X34
-031	2X35
XXXXX-032	2X36

PART NUMBER INFORMATION



NOTES

- SEE POSITION TABLE FOR PRODUCT NO AND SIZE TABULATION. HOUSING DASH NO IS SAME AS HEADER DASH NO.
- DIM B =
(NO OF COLUMNS - 1) TIMES .100 (ENGLISH)
(NO OF COLUMNS - 1) TIMES 2.54 (METRIC)
- MOLDING MATERIAL: 20% MIN GLASS FILLED NYLON PER UL 94V-0. COLOR: BLACK, OXYGEN INDEX 36.
- TERMINAL MATERIAL: 3/4 HARD PHOS BRONZE ALLOY UNS C51000.
- PIN RETENTION TO BE 3 LBS./1.4 KGS MINIMUM PER PIN IN EITHER DIRECTION.
- COMPANY LOGO TO BE MOLDED IN APPROX LOCATION SHOWN.
- UL/CSA APPROVED.
- ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5mm MINIMUM THICK CIRCUIT BOARD. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

RECOMMENDED PC BOARD LAYOUT
SCALE 2/1

mat'l. code		surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family HEADERS
ltr	ecn no dr	date	tolerances unless otherwise specified		title
L			angles .XX±.01/.3	INCH/MM	VERTICAL STACKING 2-ROW HEADER
			linear .XXX±.005/.13	scale 2:1	.500/12.70 W/O MOUNTING HOLES
			0°±2'		
			dr M. FETROW 8/11/95		dwg no sheet2 of 4 size
			enr L. FYE 8/11/95		69916 A3
			chr T. BREWBAKER 8/11/95		
			appd L. FYE 8/11/95		type Product Customer Drawing
sheet index	revision sheet				

form: A3



FCIconnect.com

Copyright FCI

PRODUCT NO NOTE 8	TERMINAL PLATING NOTE 11
69916-XXX	30u"/0.76u MIN Au OVER 50u"/1.27u Ni.
69916-033	30u"/0.76u MIN Au OVER 50u"/1.27u Ni.
69916-034	30u"/0.76u MIN Au OVER 50u"/1.27u Ni.
86363-XXX	15u"/0.38u Pd Ni WITH GOLD FLASH
88809-021	30u"/0.76u MIN Au OVER 50u"/1.27u Ni.

mat'l. code				surface ISO 1302 ☒		tolerance ISO 406 ISO 1101		projection 		product family HEADERS	
ltr	ecn	no	dr	date		tolerances unless otherwise specified					
L						angles	linear		.XX±.01/.3 .XXX±.005/.13 .XXXX±.0020/.051		INCH/MM
						0°±2°			scale 2:1		
				dr	M. FETROW	8/11/95					dwg no 69916
				enr	L. FYE	8/11/95					
				chr	T. BREWBAKER	8/11/95					
				appd	L. FYE	8/11/95					sheet3 of 4 size A3
sheet index	revision sheet										type Product Customer Drawing



FCIconnect.com

Copyright FCI

PRODUCT NO NOTE 8	SIZE	DIM "B"	DIM "C"	DIM "L"	TAIL LENGTH DIM "T"	MATING LENGTH DIM "M"	TOTAL PIN LENGTH DIM "P"
69916-XXX	NOTE 1	NOTE 2	DIM "B" +.130/3.30	DIM "B" +.210/5.33	.103/2.62 MIN .130/3.30 MAX	.275±.010 6.99±0.25	.555/14.10
69916-033	2 x 8	.700/17.78	.83/21.1	.91/23.1	.148±.008 3.76±0.20	.275±.010 6.99±0.25	.585/14.86
69916-034	2 x 15	1.400/35.56	1.53/38.9	1.61/41.0	.148±.008 3.76±0.20	.275±.010 6.99±0.25	.585/14.86
86363-XXX	NOTE 1	NOTE 2	DIM "B" +.130/3.30	DIM "B" +.210/5.33	.103/2.62 MIN .130/3.30 MAX	.275±.010 6.99±0.25	.555/14.10
88809-021	2 x 25	2.400/60.96	2.53/64.3	2.61/66.3	.130±.015 3.30±0.38	.290±.010 7.37±0.25	.585/14.86

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101	projection 	product family HEADERS		
ltr	ecn	no	dr	date		tolerances unless otherwise specified		title		
L						angles	.XX±.01/.3	INCH/MM ↔		
						linear	.XXX±.005/.13			
						0°±2°	.XXXX±.0020/.051	scale 2:1		
						dr	M. FETROW 8/11/95			
						enr	L. FYE 8/11/95			
						chr	T. BREWBAKER 8/11/95			
						appd	L. FYE 8/11/95			
sheet	revision							dwg no		
index	sheet							sheet 4 of 4 size		
								69916 A3		
								type Product Customer Drawing		

form: A3

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[69916-001](#) [69916-002](#) [69916-003](#) [69916-004](#) [69916-006](#) [69916-008](#) [69916-009](#) [69916-010](#) [69916-011](#) [69916-014](#) [69916-016](#) [69916-021](#) [69916-026](#) [69916-028](#) [69916-012](#)