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form: A3

MATERIAL

SHELL	: STEEL TIN/Zinc Cr 3 PLATED.
INSULATORS	: SELF EXTINGUISHING BLACK POLYESTER UL CLASS 94V0 THE HOUSING WILL WITHSTAND EXPOSURE TO 260-265°C IF WE USE PROTECTIVE ADHESIVE (type Kapton or Teflon) OR PROTECTIVE METALLIC DEVICE
CONTACTS	: COPPER ALLOY
PLATING	
ACTIVE ZONE	: GOLD OVER NICKEL
TERMINATION ZONE	: TIN LEAD OVER NICKEL
FOR LEAD FREE PLATING	: 2µMIN.MATTE TIN TOP OVER 1.27µMIN.NICKEL UNDER PLATE(ON TERMINATION ZONE)
METAL BRACKET	: BRASS,TIN/Zinc Cr3 PLATED.
HARPOON	: BRASS,TIN PLATED.
SCREW LOCK	: BRASS,TIN/Zinc Cr3 PLATED.

ELECTRICAL DATA

MAX.CURRENT RATING	: 5A
TEST VOLTAGE	: 1000V
RATED VOLTAGE	: 300V
CONTACT RESISTANCE	: ≤ 25mΩ
SHELL RESISTANCE	: ≤ 5mΩ
INSULATION RESISTANCE	: ≥ 5000MΩ

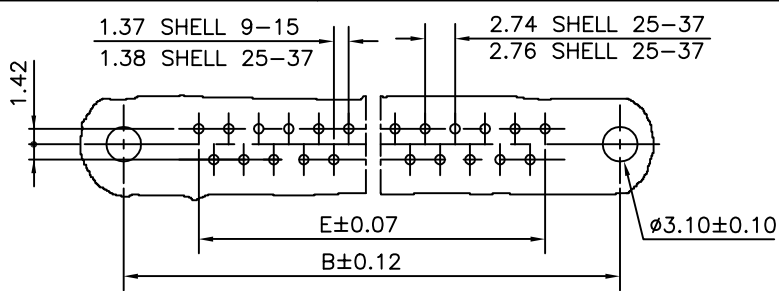
ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE RANGE	: -55°C +125°C
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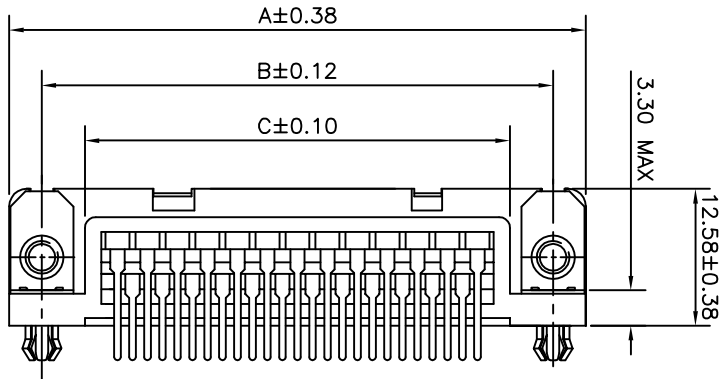
MECHANICAL CHARACTERISTICS

MATING/UNMATING CYCLES (MIN)	: 200 (FLASH Au); 500 (0.76µ Au)
INSERTION/EXTRACTION FORCE PER CONTACT	: 5 N Max./ 0.3 N Min.

37	69.32	63.50	55.68	55.30	49.68	5.70 ^{+0.25} ₋₀
25	53.03	47.04	39.12	38.84	33.12	5.70 ^{+0.25} ₋₀
15	39.14	33.32	25.18	25.12	19.18	5.90 ^{+0.15} ₋₀
09	30.81	24.99	16.96	16.79	10.96	5.90 ^{+0.15} ₋₀
SHELL	A	B	C	D	E	G



PCB DRILLING DETAILS



ORDERING INFORMATION

I	D	2	5	P	3	3	E	4	G	V	0	0	L	F	
SERIES															LEAD FREE
NO.OF CONTACTS															
09,15,25 & 37															
TYPE OF CONTACTS															SPECIAL CODE
P-PIN															00->STANDARD
TYPE OF TERMINATION															MOUNTING OPTIONS
33-ANGLED SPILL															GV->HARPOON+F.SCREW LOCK UNC 4 40+METAL BRACKET
PITCH 2.84 USA															PV->FEMALE SCREW LOCK UNC 4.40
FOOT PRINT 8.08 USA															GI->HARPOON+F.SCREW LOCKM3+METAL BRACKET
HEIGHT OF TERMINATION															PLATING
E-3.18 US STANDARD															4->FLASH Au+Sn/Sn Pb 6->0.76µ Au+Sn/Sn Pb

"This LF product meets European Union Directives and other country regulations as described in GS-22-008"

The housing will withstand exposure to 260°C peak temperature for 3.5 seconds in a wave solder application with a 1.6mm minimum thick circuit board.

Packaging as per GS-14-920

mat'l. code SEE NOTE 4				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection MM	product family DELTA-D									
ltr	ecn no	dr	date	tolerances unless otherwise specified		MM	title DELTA-D A/S MALE CONNECTOR (GV VER.) (WITH FEM.SCREW LOCK,HARPOON & METAL BRACKET)									
D	106-0074	GVJ	2006/06/08	angles	linear		scale —									
				0°±1°			FCI									
				dr	GEORGE.V.JOSEPH	1998/12/16	dwg no									
				engr	GEORGE.V.JOSEPH	1998/12/16	sheet 1 of 1									
				chr	GEORGE.V.JOSEPH	2006/06/22	C-DD-0024									
				appd	K_V_SIVADAS	2006/06/22	size A3									
sheet index	revision sheet	D	1				type Product Customer Drawing									

Mouser Electronics

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