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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
METAL BRACKET	: BRASS, TIN/Zinc Cr 3 PLATED.
FOR LEAD FREE PLATING	: 2µMIN.MATTE TIN TOP OVER 1.27µMIN.NICKEL UNDER PLATE(ON TERMINATION ZONE)

HARPOON	: BRASS, TIN PLATED.
CLINCH NUT	: BRASS, TIN/Zinc Cr 3 PLATED.

ELECTRICAL DATA

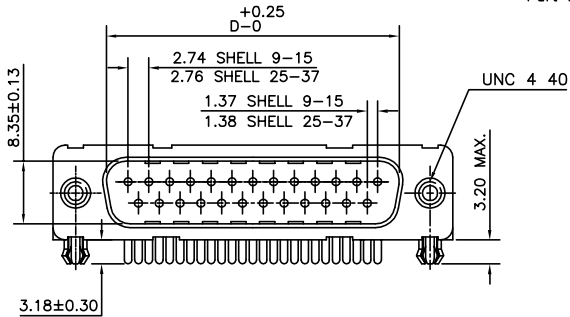
MAX.CURRENT RATING	: 5A
TEST VOLTAGE	: 1000V
RATED VOLTAGE	: 300V
CONTACT RESISTANCE	: ≤ 25mΩ
SHELL RESISTANCE	: < 5mΩ
INSULATION RESISTANCE	: > 5000MΩ

ENVIRONMENTAL CHARACTERISTICS

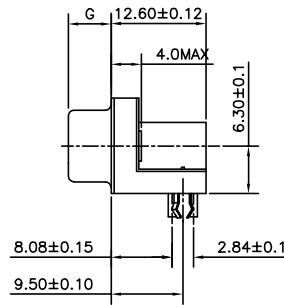
OPERATING TEMPERATURE RANGE	: -55°C +125°C
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MECHANICAL CHARACTERISTICS

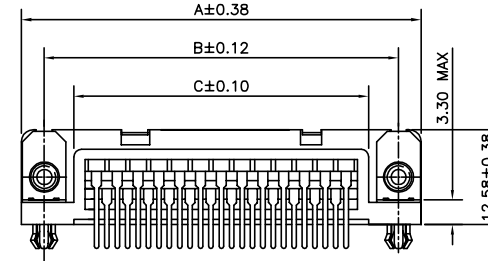
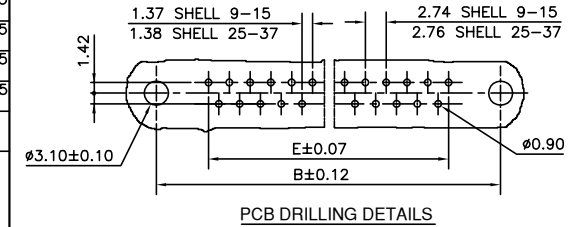
MATING/UNMATING CYCLES (MIN)	: 200 (FLASH Au); 500 (0.76µ Au)
INSERTION/EXTRACTION FORCE PER CONTACT	: 5 N Max./ 0.3 N Min.

TECHNICAL SPECIFICATIONS

Part number & Date code printing



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

**ORDERING INFORMATION**I D 2 5 P 3 3 E 4 G X 0 0 L F
SERIES**NO.OF CONTACTS**

09,15,25 & 37

TYPE OF CONTACTS

P-PIN

TYPE OF TERMINATION

33-ANGLED SPILL

PITCH 2.84 USA

FOOT PRINT 8.08 USA

LEAD FREE**SPECIAL CODE**

00->STANDARD

MOUNTING OPTIONSGX->HARPOON+INSERT UNC 4 40+METAL BRACKET
GL->HARPOON+INSERTM3+METAL BRACKET
GV->HARPOON+FEMALE SCREW LOCK UNC 4 40+METAL BRACKET**PLATING**

4->FLASH Au+Sn/SnPb

6->0.76µ Au+Sn/SnPb

HEIGHT OF TERMINATION

E-3.18 US STANDARD

"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	product family DELTA-D
ltr	ecn no	dr	date	tolerances unless otherwise specified		MM	title DELTA-D A/S MALE CONNECTOR (WITH ACCESSORIES)
D	106-0074	GVJ	2006/06/08	angles	linear		
E	109-0039	AS	2009/03/16	0°±1°	.00±0.1 .000±.00X	scale	
				dr	GEORGE.V.JOSEPH	1998/12/16	dwg no C-DD-0027 type Product Customer Drawing
				enrg	GEORGE.V.JOSEPH	1998/12/16	
				chr	ANISH.SALAM	2009/03/16	
				appd	ANISH.SALAM	2009/03/16	
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