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form: A3

MATERIAL

SHELL	: STEEL TIN/Zinc Cr 3 PLATED.
	: SELF EXTINGUISHING BLACK POLYESTER 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	: 2mMIN.MATTE TIN TOP OVER
	1.27m MIN.NICKEL UNDER PLATE(ON TERMINATION ZONE)
METAL BRACKET	: BRASS,TIN/Zinc Cr 3 PLATED.
HARPOON	: BRASS,TIN PLATED.
SCREW LOCK	: BRASS,TIN/Zinc Cr 3 PLATED.

ELECTRICAL DATA

MAX.CURRENT RATING	: 5A
TEST VOLTAGE	: 1000V
RATED VOLTAGE	: 300V
CONTACT RESISTANCE	: $\leq 25m\Omega$
SHELL RESISTANCE	: $\leq 5m\Omega$
INSULATION RESISTANCE	: $\geq 5000M\Omega$

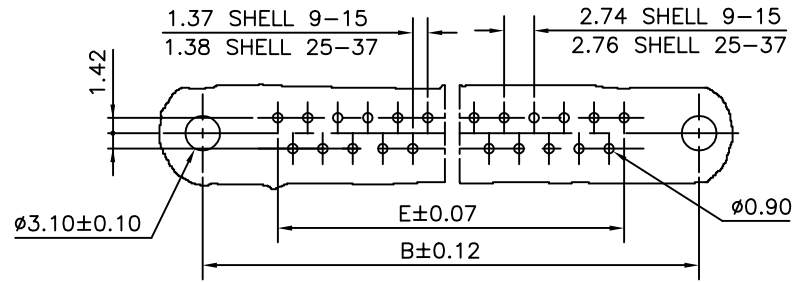
ENVIRONMENTAL CHARACTERISTICS.

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

MATING/UNMATING CYCLES (MIN)	: 200 (FLASH Au); 500 (0.76 μ 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

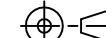
TECHNICAL SPECIFICATIONS

ORDERING INFORMATION

I	D	2	5	P	3	3	E	4	G	V	9	6	L	F	
SERIES															LEAD FREE
NO.OF CONTACTS															SPECIAL CODE
09,15,25,37															00->IMPRESSION PRINTING AND SPECIAL LABELING
TYPE OF CONTACTS															MOUNTING OPTIONS
P-PIN															GV->HARPOON+F.SCREW LOCK UNC 4 40+METAL BRACKET
TYPE OF TERMINATION															PLATING
33-ANGLED SPILL															4->FLASH Au+Sn Pb
PITCH 2.84 USA															6->0.76 μ Au+Sn Pb
FOOT PRINT 8.08 USA															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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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[Amphenol:](#)

[ID25P33E4GX96LF](#) [ID09P33E4GV96LF](#)