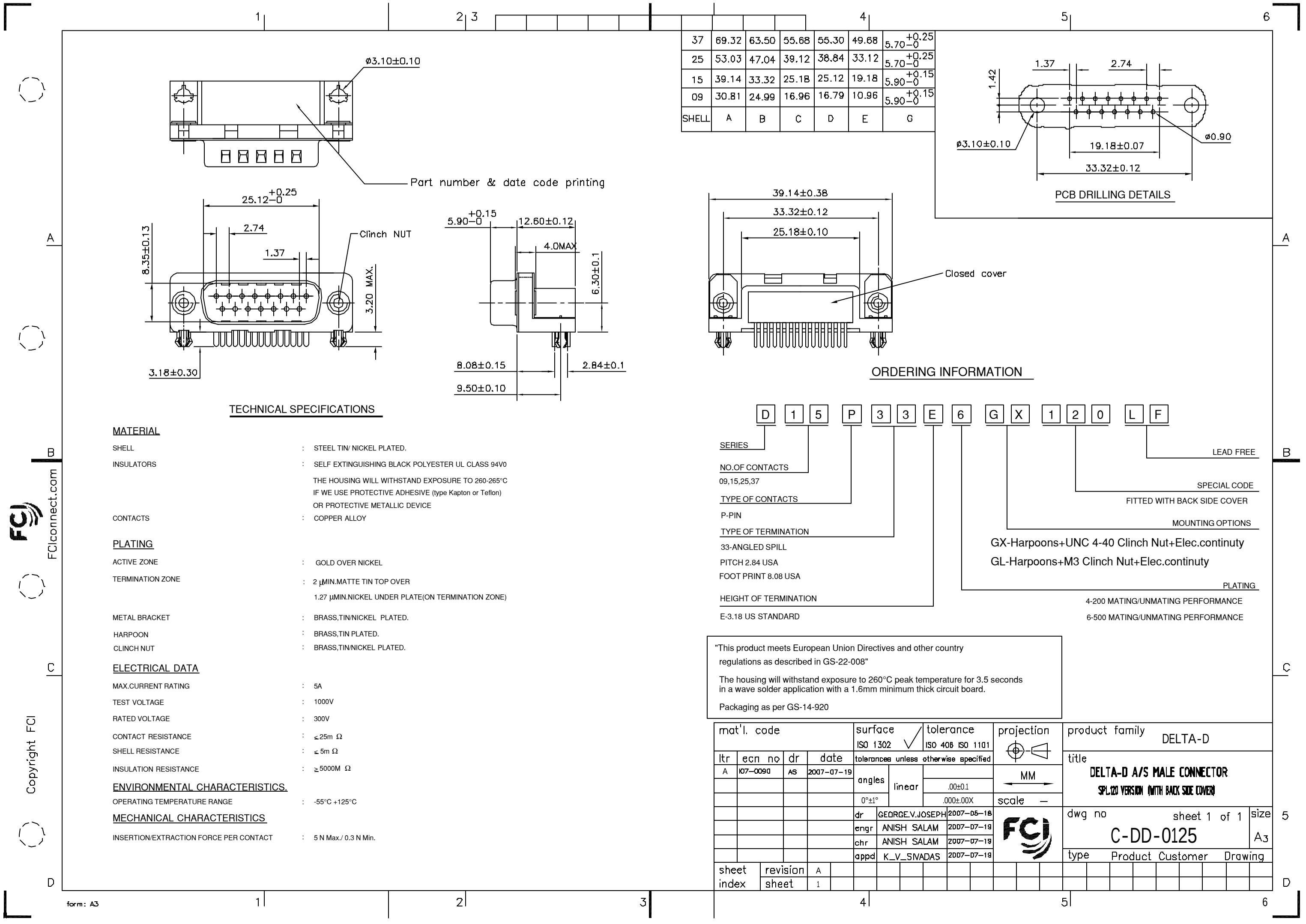




TECHNICAL SPECIFICATIONS

MATERIAL

SHELL	: STEEL TIN/ NICKEL 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	: 2 μMIN.MATTE TIN TOP OVER
	1.27 μMIN.NICKEL UNDER PLATE(ON TERMINATION ZONE)
METAL BRACKET	: BRASS,TIN/NICKEL PLATED.
HARPOON	: BRASS,TIN PLATED.
CLINCH NUT	: BRASS,TIN/NICKEL PLATED.

ELECTRICAL DATA

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

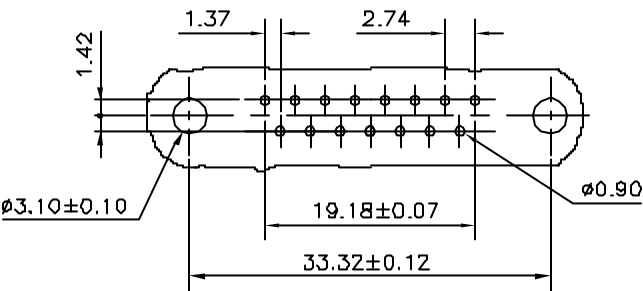
ENVIRONMENTAL CHARACTERISTICS.

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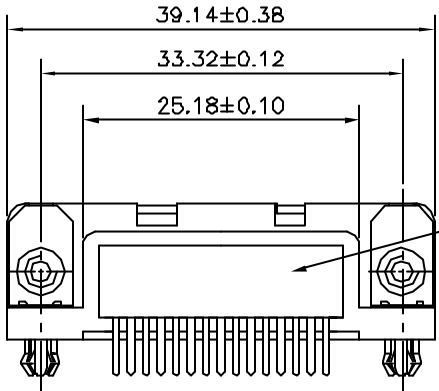
MECHANICAL CHARACTERISTICS

INSERTION/EXTRACTION FORCE PER CONTACT	: 5 N Max./ 0.3 N Min.
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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



Closed cover

ORDERING INFORMATION

D	1	5	P	3	3	E	6	G	X	1	2	0	L	F	
SERIES															LEAD FREE
NO.OF CONTACTS															SPECIAL CODE
09,15,25,37															FITTED WITH BACK SIDE COVER
TYPE OF CONTACTS															MOUNTING OPTIONS
P-PIN															
TYPE OF TERMINATION															
33-ANGLED SPILL															
PITCH 2.84 USA															
FOOT PRINT 8.08 USA															
HEIGHT OF TERMINATION															
E-3.18 US STANDARD															
															4-200 MATING/UNMATING PERFORMANCE
															6-500 MATING/UNMATING PERFORMANCE

GX-Harpoons+UNC 4-40 Clinch Nut+Elec.continuity
GL-Harpoons+M3 Clinch Nut+Elec.continuity

"This 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				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 SPL20 VERSION (WITH BACK SIDE COVER)			
A	107-0090	AS	2007-07-19	angles	linear					
				0°±1°	.00±0.1	scale				
				dr	GEORGE.V.JOSEPH	2007-05-18	FCJ			
				engr	ANISH SALAM	2007-07-19				
				chr	ANISH SALAM	2007-07-19				
				appd	K_V_SIVADAS	2007-07-19				
sheet index	revision sheet	A	1				dwg no	sheet 1 of 1	size	5
							C-DD-0125		A3	
							type	Product Customer	Drawing	