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STD OPTION WITH ACCESSORY OPTION LAYOUT OF 50 POS.CONNECTOR 25,37&50 POS 2.76 2.84 2.84 09&15 POS. 2.74 10°0' VIEW OF MATING FACE ø3.10 ORDERING INFORMATION SERIES SHELL SIZE CHARECTERISATION OPTIONS NO.OF CONTACTS CONTACTS LEAD FREE SPECIAL CODES DIMPLES- OPTIONAL SHELL PLATING CONTACT PLATING TERMINATION TYPE FEMALE SCREW RIVETTED TO SHELL OPTION:-V CLINCH NUT RIVETTED TO SHELL OPTION:-L OPTION:-O EXTENDED FEMALE SCREW- LOCK WITH SPACER ORD.CODE:-8630-01-062 SPACER RIVETTED TO SHELL OPTION:-S HARPOON RIVETTED TO SHELL OPTION:-G WITH IN COMBINATION WITH L/O 4.40 UNC2A OR M3 ORD.CODE:-8630-05(E,A,B,C) ORD.CODE:-8630-03 D/SHELL FEMALE. ORD.CODE:-8630-15 D/SHELL MALE. ORD.CODE:-8630-04 E,A,B,C SHELL. WITH METAL HOOD. FOR 4.40UNC THREAD ADD 'N' TO THE CORRESPONDING ORD.CODE. mat'l. code SEE NOTE 4 surface ISO 1302 tolerance ISO 406 ISO 1101 projection product family D-SUB title D-SUB S/S CONNECTOR (DP SERIES WITH ASSEMBLY OPTIONS) dwg no sheet 1 of 1 size A3 type Product Customer Drawing 50 P 66.65 52.68 61.11 11.08 14.99 11.09 5.85 55.07 13.31 1.50 1.0 37 S 66.65 52.30 61.11 10.62 14.99 11.21 6.05 55.07 13.31 1.10 0.8 P 68.94 55.30 63.50 8.23 12.17 11.09 5.85 57.45 10.46 1.50 1.0 S 68.94 54.71 63.50 7.77 12.17 11.21 6.05 57.45 10.46 1.10 0.8 25 P 52.65 38.84 47.04 8.23 12.17 11.07 5.85 41.02 10.46 1.10 0.8 S 52.65 38.25 47.04 7.77 12.17 11.21 6.05 41.02 10.46 1.10 0.8 15 P 38.76 25.12 33.32 8.23 12.17 10.99 5.85 27.25 10.46 1.10 0.8 S 38.76 24.54 33.32 7.77 12.17 11.21 6.05 27.25 10.46 1.10 0.8 09 P 30.43 16.79 24.99 8.23 12.17 10.99 5.85 19.02 10.46 1.10 0.8 S 30.43 16.21 24.99 7.77 12.17 11.21 6.05 19.02 10.46 1.10 0.8 SHELL SIZE A-0 +0.76 B-0 +0.25 C ±0.12 +0.25 D-0 +0.76 E-0 F MAX G-0 +0.15 H-0 +0.51 J-0 +0.51 K±0.20 L-0 +0.22 TECHNICAL SPECIFICATIONS SHELLS : TIN/ZINC PLATED STEEL INSULATOR MATERIAL : SELF EXTINGUISHING THERMOPLASTIC- TO UL CLASS 94 V0 THE HOUSING WILL WITHSTAND EXPOSURE TO 260-265°C IF WE USE PROTECTIVE ADHESIVE (type Kapton or Teflon) OR PROTECTIVE METALLIC DEVICE CONTACTS DIA ON ACTIVE AREA : ø1 MM. CONTACTS MATERIAL : COPPER ALLOY CONTACT PLATING : GXT / GOLD OVER NICKEL OPERATING TEMPERATURE : -55°C +125°C OPERATING CURRENT : 7.5 A PER CONTACT CONTACT RESISTANCE : ≤7.3 mΩ INSULATION RESISTANCE : ≥5000 MΩ MAXIMUM VOLTAGE : 1000 V.r.m.s MECHANICAL ENDURANCE : 500 MATINGS FOR CODE 65 : 200 MATINGS FOR CODE 64 DAMP HEAT : 56 DAYS FOR CODE 65 : 21 DAYS FOR CODE 64 "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. Pckaging as per GS-14-920 form: A3 1 2 3 4 5 6 PDM: Rev:M STATUS: Released Printed: May 03, 2011											