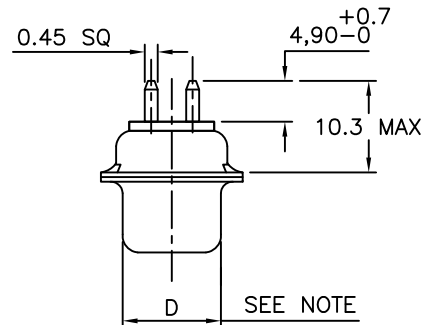
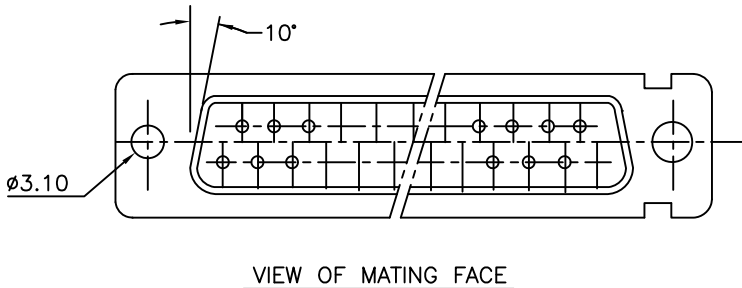
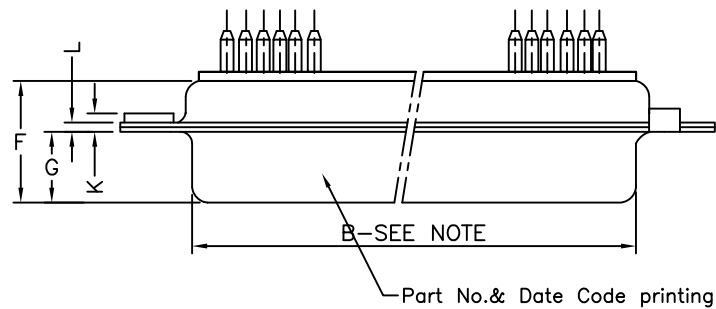
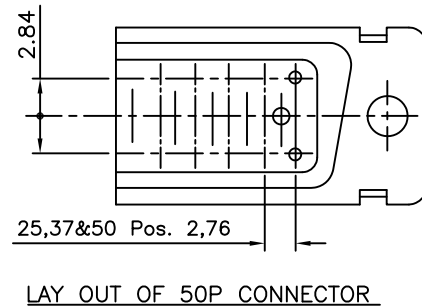
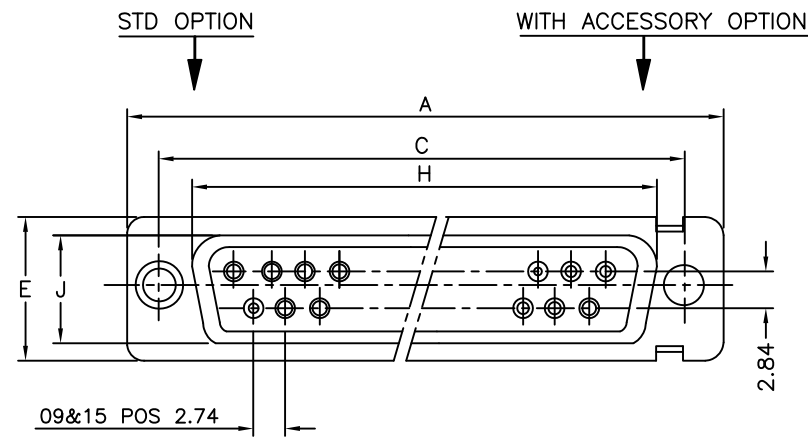


## ORDERING INFORMATION

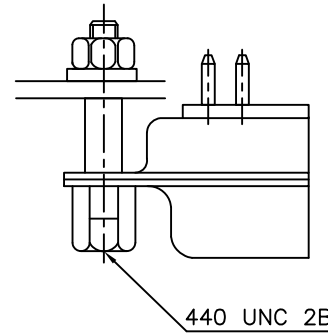
| SERIES                     | D | B | V | 25 | P | 3 | 64 | G | T | X | XXX | LF | LEAD FREE |
|----------------------------|---|---|---|----|---|---|----|---|---|---|-----|----|-----------|
| SHELL SIZE                 |   |   |   |    |   |   |    |   |   |   |     |    |           |
| E,A,B,C,D                  |   |   |   |    |   |   |    |   |   |   |     |    |           |
| PANEL MOUNTING OPTIONS     |   |   |   |    |   |   |    |   |   |   |     |    |           |
| BLANK-STANDARD             |   |   |   |    |   |   |    |   |   |   |     |    |           |
| V-FEM. SCREW LOCK (UNC)    |   |   |   |    |   |   |    |   |   |   |     |    |           |
| N-FEM. SCREW LOCK M3       |   |   |   |    |   |   |    |   |   |   |     |    |           |
| S-SPACER RIVETTED TO SHELL |   |   |   |    |   |   |    |   |   |   |     |    |           |
| L-CLINCH NUT (M3)          |   |   |   |    |   |   |    |   |   |   |     |    |           |
| O-CLINCH NUT (UNC)         |   |   |   |    |   |   |    |   |   |   |     |    |           |
| NO. OF CONTACTS            |   |   |   |    |   |   |    |   |   |   |     |    |           |
| 09,15,25,37,50             |   |   |   |    |   |   |    |   |   |   |     |    |           |
| CONTACTS                   |   |   |   |    |   |   |    |   |   |   |     |    |           |
| P - PIN                    |   |   |   |    |   |   |    |   |   |   |     |    |           |
| S - SOCKET                 |   |   |   |    |   |   |    |   |   |   |     |    |           |
| TERMINATION TYPE           |   |   |   |    |   |   |    |   |   |   |     |    |           |
| 3-STRAIGHT SPILL           |   |   |   |    |   |   |    |   |   |   |     |    |           |
| 4-WIRE WRAP                |   |   |   |    |   |   |    |   |   |   |     |    |           |
| PCB MOUNTING OPTIONS       |   |   |   |    |   |   |    |   |   |   |     |    |           |
| BLANK-STANDARD             |   |   |   |    |   |   |    |   |   |   |     |    |           |
| G-HARPOON                  |   |   |   |    |   |   |    |   |   |   |     |    |           |
| CONTACT PLATING            |   |   |   |    |   |   |    |   |   |   |     |    |           |
| 64 - 200 MATING CYCLES     |   |   |   |    |   |   |    |   |   |   |     |    |           |
| 65 - 500 MATING CYCLES     |   |   |   |    |   |   |    |   |   |   |     |    |           |

"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.

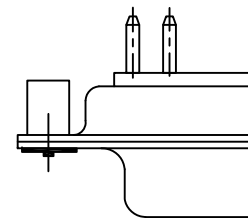
Packaging as per GS-14-920

## EXTENDED FEMALE SCREW LOCK WITH SPACER



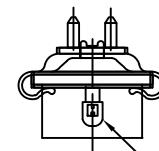
ORD CODE -8630-01-062

## SPACERS RIVETTED TO SHELL



PREFIX:- S

## MALE SCREW LOCK

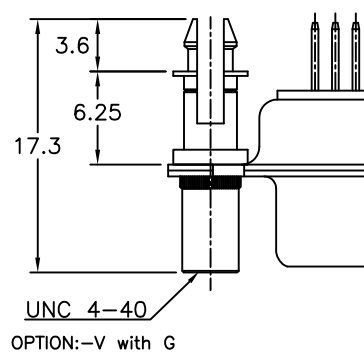


ORD CODE:-

8630-05( E.A.B.C.)  
8630-03 D SHELL FEMALE  
8630-15 D SHELL MALE  
8630-04 E,A,B,C SHELL  
WITH METAL HOOD

FOR 440 UNC 2A THREADED ADD UNC  
TO THE CORRESPONDING ORD. CODE.

## HARPOON PRESS FITTED TO SHELL



## mat'l. code

SEE NOTE 4

ISO 1302

tolerance

ISO 406 ISO 1101

tolerances unless otherwise specified

angles linear

scale

sheet index

revision

sheet

H

1

1

1

1

surface

ISO 1302

tolerance

ISO 406 ISO 1101

tolerances unless otherwise specified

angles linear

scale

sheet index

revision

sheet

H

1

1

1

1

1

projection

MM

scale

sheet index

revision

sheet

H

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1

1

1

1

product family

title

D- SUB S/S W/W CONNECTOR

( WITH ASSEMBLY OPTIONS)

dwg no

sheet 1 of 1

size

A3

type

Product

Customer

Drawing

1

1

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1

projection

MM

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sheet index

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product family

title

D- SUB S/S W/W CONNECTOR

( WITH ASSEMBLY OPTIONS)

dwg no

sheet 1 of 1

size

A3

type

Product

Customer

Drawing

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product family

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D- SUB S/S W/W CONNECTOR

( WITH ASSEMBLY OPTIONS)

dwg no

sheet 1 of 1

size

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type

Product

Customer

Drawing

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|            |   |                                 |                                 |                                 |                                 |                                 |                  |                                 |                                 |                                 |                                |                                 |
|------------|---|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|
| 50         | P | 66.65                           | 52.68                           | 61.11                           | 11.08                           | 14.99                           | 11.09            | 5.85                            | 55.07                           | 13.31                           | 1.50                           | 1.0                             |
|            | S | 66.65                           | 52.30                           | 61.11                           | 10.62                           | 14.99                           | 11.21            | 6.05                            | 55.07                           | 13.31                           | 1.10                           | 0.8                             |
| 37         | 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 <sup>+0.76</sup> <sub>0</sub> | B <sup>+0.25</sup> <sub>0</sub> | C <sup>+0.12</sup> <sub>0</sub> | D <sup>+0.25</sup> <sub>0</sub> | E <sup>+0.76</sup> <sub>0</sub> | F <sub>MAX</sub> | G <sup>+0.15</sup> <sub>0</sub> | H <sup>+0.51</sup> <sub>0</sub> | J <sup>+0.51</sup> <sub>0</sub> | K <sup>+0.2</sup> <sub>0</sub> | L <sup>+0.22</sup> <sub>0</sub> |

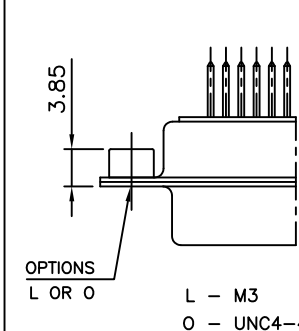
DIMENSIONS

NOTE: INSIDE DIMENSION OF MALE AND OUTSIDE DIMENSION OF THE FEMALE CONNETOR

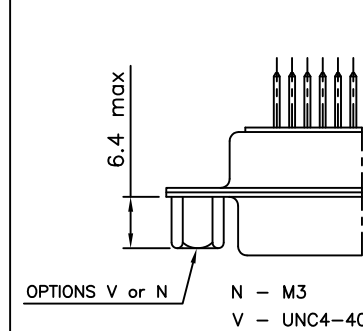
## TECHNICAL SPECIFICATIONS

|                             |                                                                                                                                                                                                        |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SHELLS                      | : TIN/ZINC PLATED STEEL                                                                                                                                                                                |
| CONTACTS DIA ON ACTIVE AREA | : Ø1 MM.                                                                                                                                                                                               |
| CONTACTS MATERIAL           | : COPPER ALLOY                                                                                                                                                                                         |
| CONTACT PLATING             | : GXT / GOLD OVER NICKEL (ACTIVE ZONE)<br>TIN OVER NICKEL (TERMINATION ZONE)                                                                                                                           |
| FOR LEAD FREE PLATING       | : 2µ MIN. TIN TOP OVER<br>1.27µ MIN.NICKEL UNDER PLATE(ON TERMINATION ZONE)                                                                                                                            |
| INSULATOR MATERIAL          | : SELF EXTINGUISHING THERMOPLASTIC-<br>TO UL CLASS 94 V0<br>THE HOUSING WILL WITHSTAND EXPOSURE TO 260-265°C<br>IF WE USE PROTECTIVE ADHESIVE (type Kapton or Teflon)<br>OR PROTECTIVE METALLIC DEVICE |
| OPERATING TEMPERATURE       | : -55°C +125°C                                                                                                                                                                                         |
| OPERATING CURRENT           | : 5 A PER CONTACT                                                                                                                                                                                      |
| CONTACT RESISTANCE          | : ≤10m Ω                                                                                                                                                                                               |
| INSULATION RESISTANCE       | : ≥5000 M Ω                                                                                                                                                                                            |
| MAXIMUM VOLTAGE             | : 1000 V.r.m.s                                                                                                                                                                                         |
| MECHANICAL ENDURANCE        | : 500 MATINGS FOR CODE 64<br>200 MATINGS FOR CODE 65                                                                                                                                                   |
| DAMP HEAT                   | : 56 DAYS FOR ≥0.75µ GOLD PLATING<br>21 DAYS FOR ≤0.40µ GOLD PLATING                                                                                                                                   |

## CLINCH NUT



## HEXAGONAL FEMALE SCREW



## HARPOON RIVETTED TO SHELL

