

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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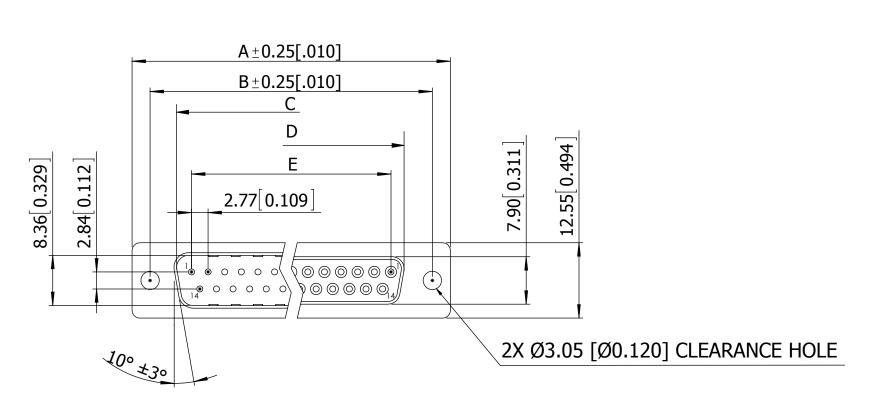


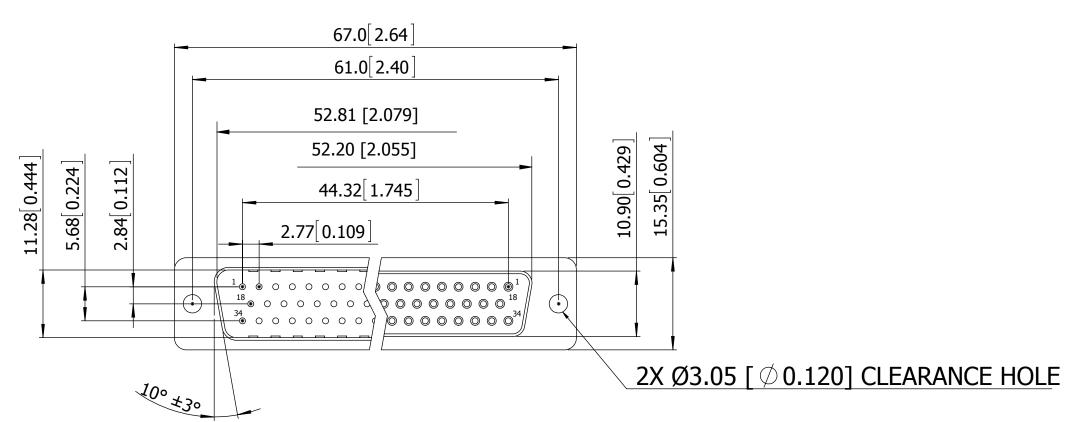


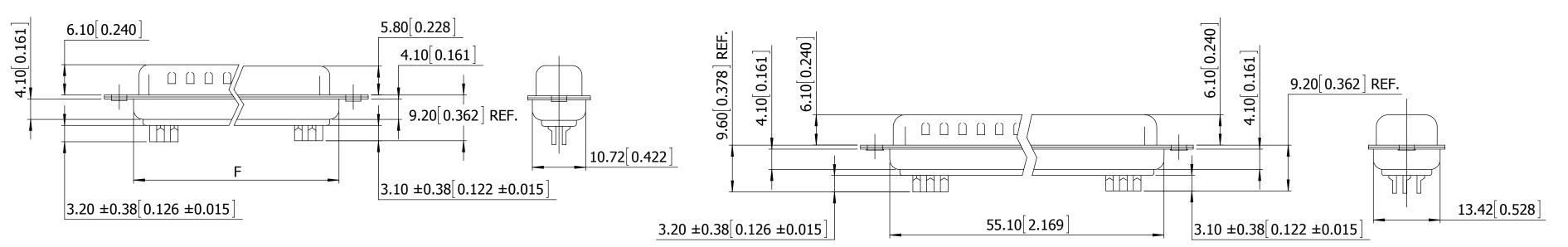
DIMENSIONS

| POSITIONS | Α | | В | | С | | D | | E | | F | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | MM | INCH |
| 09 | 30.81 | 1.213 | 24.99 | 0.984 | 16.92 | 0.666 | 16.33 | 0.643 | 11.08 | 0.436 | 19.20 | 0.756 |
| 15 | 39.20 | 1.543 | 33.30 | 1.311 | 25.25 | 0.994 | 24.70 | 0.972 | 19.39 | 0.763 | 27.70 | 1.091 |
| 25 | 53.05 | 2.088 | 47.04 | 1.852 | 38.96 | 1.534 | 38.40 | 1.512 | 33.24 | 1.309 | 41.10 | 1.618 |
| 37 | 69.40 | 2.732 | 63.50 | 2.500 | 55.42 | 2.182 | 54.80 | 2.158 | 49.86 | 1.963 | 57.30 | 2.256 |

| REVISIONS | | | | | | | | | |
|-----------|---------|---|------------|----|--|--|--|--|--|
| REV. | ECO. NO | DESCRIPTION | DATE | BY | | | | | |
| С | 2637 | ADD WIRE SIZE NOTE 3 | 07/19/2012 | LH | | | | | |
| D | 2883 | UPDATE TAIL LENGTH MALE 3.20 mm, TOLERANCE ±0.38 mm(WAS±0.25mm) | 01/22/2014 | LH | | | | | |







09,15,25,37 POSITIONS

(PN EXAMPLE: SDS100-PRW2-M09-SN00-1)

50 POSITIONS

(PN EXAMPLE: SDS100-PRW2-M50-SN00-1)

NOTES:

1. MATERIAL

INSULATOR: GLASS-FILLED THERMOPLASTIC PBT, UL94V-0

CONTACT: BRASS

SHELL: SPCC, .000100" TIN OVER .000050" MIN. COPPER (STANDARD, SEE PAGE 3)

CLINCH NUT : BRASS, NICKEL PLATED SCREWLOCK: STEEL, NICKEL PLATED

OPERATING TEMPERÁTURE : -55 °C TO +105 °C

2. ELECTRICAL

CONTACT RESISTANCE: 20 MILLIOHMS MAX AT 1 AMP DC INSULATION RESISTANCE: 1000 MAGOHMS AT 500 VDC

DIELECTRIC WITHSTANDING VOLTAGE: 1000 VAC/RMS 60Hz FOR 1 MINUTE

CURRENT RATING: 3 AMPS

VOLTAGE RATING: 250 VAC/RMS 60Hz

3. ACCEPTS WIRE SIZE: 22 AWG MAX



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM [INCHES] **TOLERANCES:** ANGULAR: ± 3°

DECIMALS X.=± 0.38 [.015] .X=± 0.25 [.010] $.XX = \pm 0.13[.005]$

3

DRAWN DATE NAME 07/01/2011 LH HE INFORMATION HEREIN CONTAINS PROPIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS CAGE CODE | DWG. NO. C 54453

SCALE: 1:15

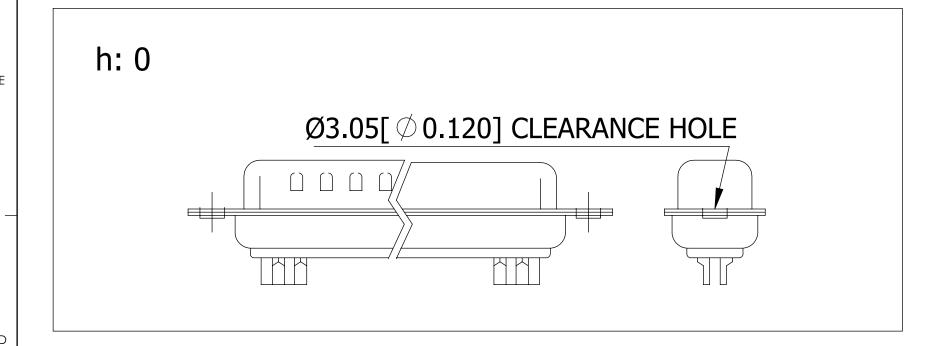
SULLINS 100 SERIES D-SUB SOLDER CUP TYPE SDS100-PR_ _-_ _-_N_ _-REV D

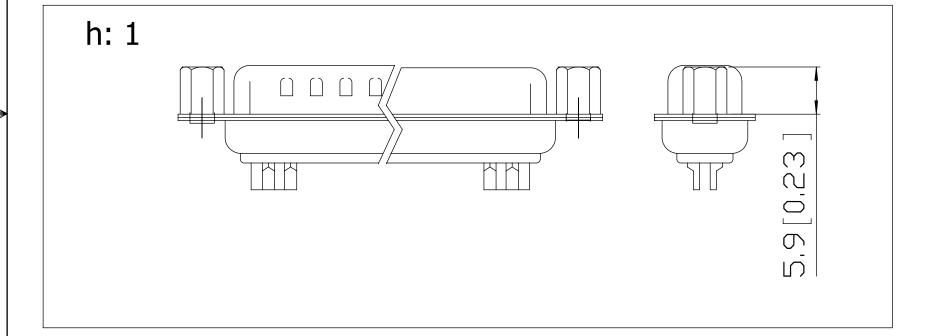
FILE NAME: 11745, SDS100-PR

11745

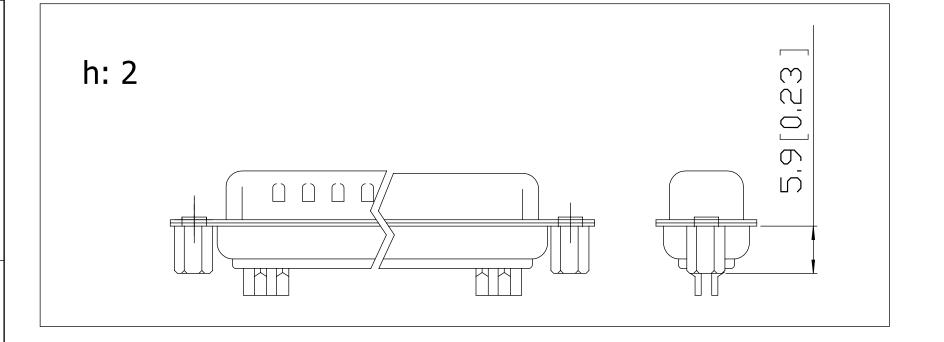
SHEET 1 OF 3

h: POSITION OF CLINCH NUT





CONSULT SALES OR
FACTORY FOR OTHER
MOUNTING STYLE OPTIONS





UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MM [INCHES]

TOLERANCES:

ANGULAR: ± 3°

DECIMALS

X.=± 0.38 [.015]
.Xx=± 0.25 [.010]
.XXX=± 0.13 [.005]

DRAWN DATE NAME

07/01/2011 LH

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SIZE CAGE C
C 5444

TITLE 100 SERIES D-SUB SOLDER CUP TYPE

PART NUMBER SDS100-PR _ -_ _ - N_ _
SIZE CAGE CODE DWG. NO. 11745 D

SCALE: 1:8 SHEET 2 OF 3

FILE NAME: 11745, SDS100-PR

SDS100-PR_ _ - _ _ - <u>N</u> ab c d efgh i

a. CONTACT PLATING

(ALL PLATINGS HAVE .000050" NICKEL UNDERPLATE)

- W = GOLD FLASH ON CONTACT SURFACE, .000100" PURE TIN ON TERMINATION.
- B = .000010" GOLD ON CONTACT SURFACE, .000100" PURE TIN ON TERMINATION.
- U = .000015" GOLD ON CONTACT SURFACE, .000100" PURE TIN ON TERMINATION.
- C = .000030" GOLD ON CONTACT SURFACE, .000100" PURE TIN ON TERMINATION.
- P = GOLD FLASH OVERALL.
- b. SHELL PLATING
 - 1 = NICKEL
 - 2 = TIN (STANDARD)
- c. CONTACT TYPE
 - M = MALE
 - F = FEMALE
- d. NO. OF CONTACTS
 - 09 = 09 POSITIONS
 - **15 = 15 POSITIONS**
 - 25 = 25 POSITIONS
 - **37 = 37 POSITIONS**
 - 50 = 50 POSITIONS

- e. PIN TYPE
 - S = STAMPED PIN
 - M = MACHINED PIN (AVAILABLE WITH "P" PLATING ONLY)
- f. FERRITE
 - N = WITHOUT FERRITE
- g. FLANGE MOUNTING OPTION
 - $0 = \emptyset 3.05$ mm $[\emptyset 0.120]$ CLEARANCE HOLE
 - 1 = #4-40 FEMALE THREAD
 - 4 = M3 FEMALE THREAD
 - 8 = #4-40 UNC (5.0 X 10.0 mm [0.20 X 0.39]) FEMALE SCREWLOCK INSTALLED
 - 9 = #4-40 UNC (5.0 X 10.0 mm [0.20 X 0.39]) FEMALE SCREWLOCK BULK-PACKED
- h. POSITION OF CLINCH NUT (SEE PAGE 2 FOR DETAILS)
 - $0 = \emptyset 3.05 \,\mathrm{mm} \, [\emptyset.120] \,\mathrm{CLEARANCE} \,\mathrm{HOLE}$
 - 1 = FRONT RIVET, 5.9 mm [0.23]
 - 2 = REAR RIVET, 5.9 mm [0.23]
- i. INSULATOR COLOR
 - 1 = BLACK (STANDARD)
 - 2 = BLUE
 - 6 = WHITE



DRAWN DATE NAME UNLESS OTHERWISE SPECIFIED: 07/01/2011 LH DIMENSIONS ARE IN MM [INCHES] HE INFORMATION HEREIN CONTAINS PROPIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT **TOLERANCES:** 100 SERIES D-SUB SOLDER CUP TYPE TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY ANGULAR: ± 3° PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS SDS100-PR_ _-_ _-N_ _-**DECIMALS** X.= ± 0.38 [.015] .X= ± 0.25 [.010] CAGE CODE | DWG. NO. 11745 54453 $.XX = \pm 0.13[.005]$ **RoHS COMPLIANT** SCALE: 1:8 SHEET 3 OF 3

REV D