

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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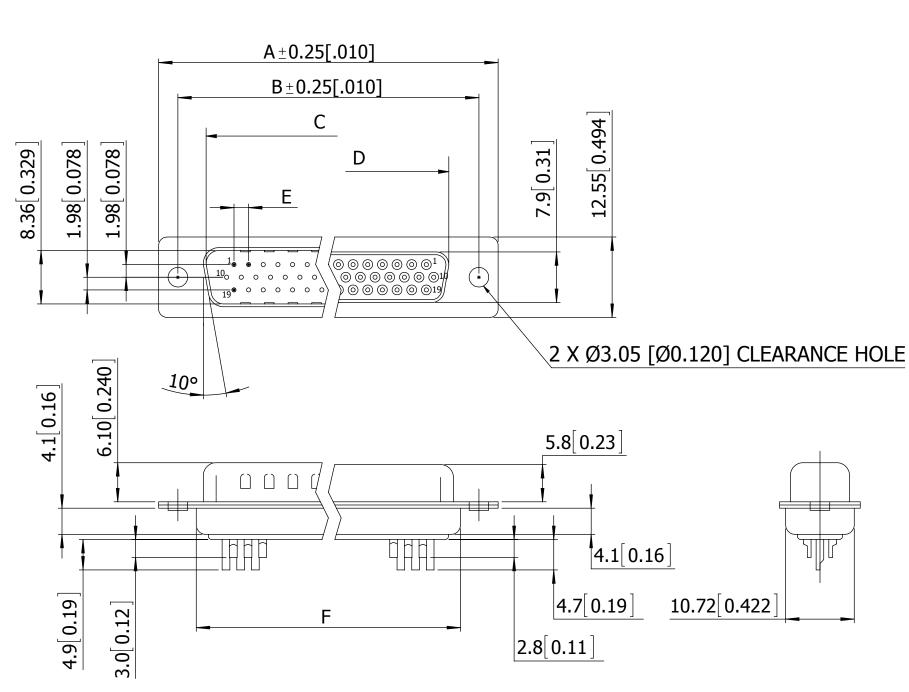




#### **DIMENSIONS**

POSITIONS	А		В		С		D		E		F	
POSITIONS	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH
15	30.81	1.213	24.99	0.984	16.92	0.666	16.33	0.643	2.29	0.090	19.20	0.756
26	39.20	1.543	33.30	1.311	25.25	0.994	24.70	0.972	2.29	0.090	27.70	1.091
44	53.05	2.088	47.04	1.852	38.96	1.534	38.40	1.512	2.29	0.090	41.10	1.618
62	69.40	2.732	63.50	2.500	55.42	2.182	54.80	2.158	2.41	0.095	57.30	2.256

REVISIONS							
REV.	ECO. NO	DESCRIPTION	DATE	BY			
Α	2398	INITIAL RELEASE	07/01/2011	LH			
В	2576	UPDATE PART NUMBER CODING	05/10/2012	LH			
С	2637	ADD WIRE SIZE NOTE 3	07/19/2012	LH			





( PN EXAMPLE: SDS104-PRW2-M15-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 TEMPERATURE: -55°C TO +105°C

2. ELECTRICAL

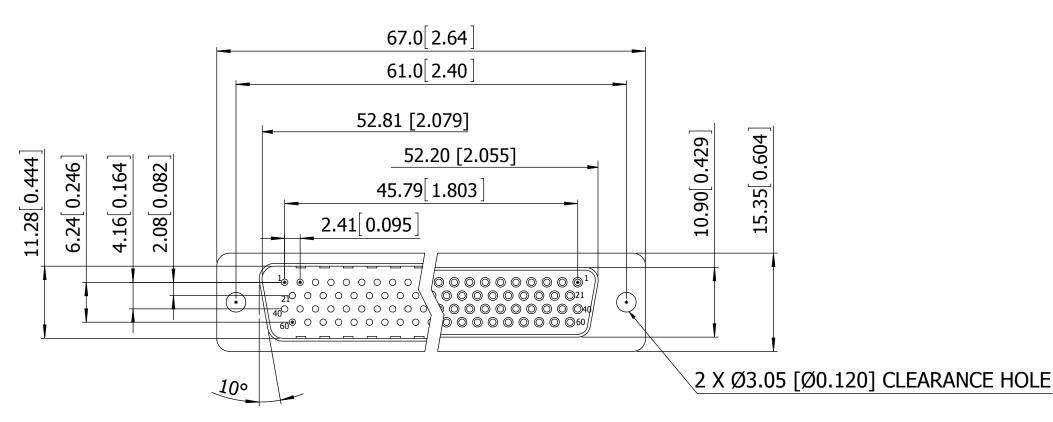
CONTACT RESISTANCE: 20 MILLIOHMS MAX AT 1 AMP DC INSULATION RESISTANCE: 1000 MAGOHMS AT 500 VDC

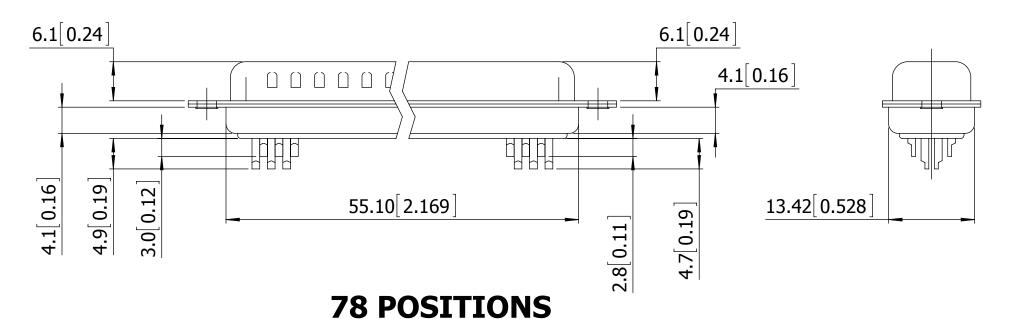
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VAC/RMS 60Hz FOR 1 MINUTE

CURRENT RATING: 3 AMPS

VOLATGE RATING: 250 VAC/RMS 60Hz

3. ACCEPTS WIRE SIZE: 22 AWG MAX



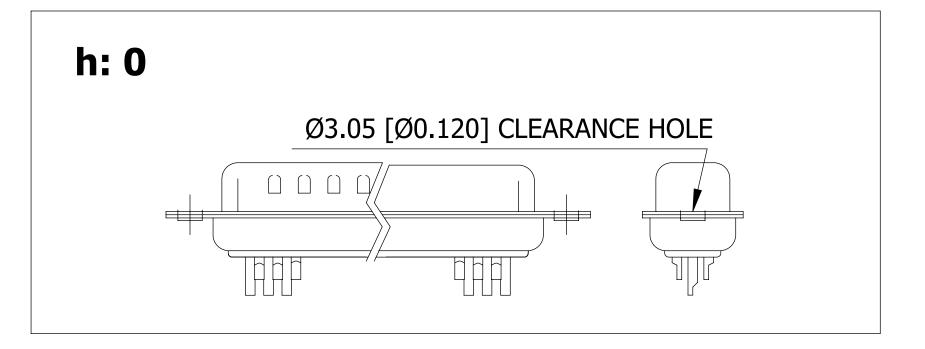


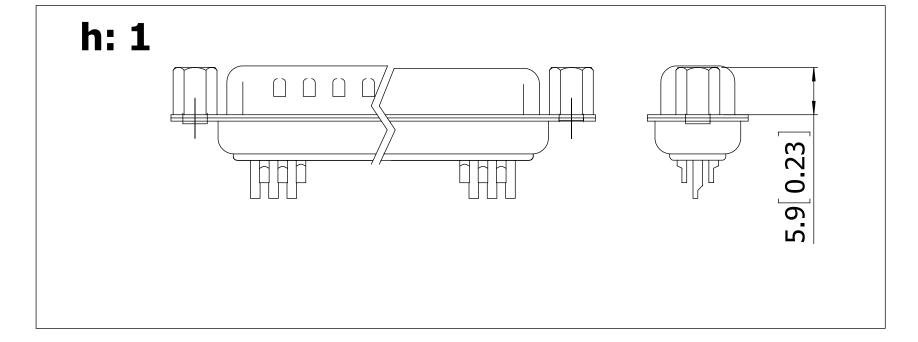
(PN EXAMPLE: SDS104-PRW2-M78-SN00-1)



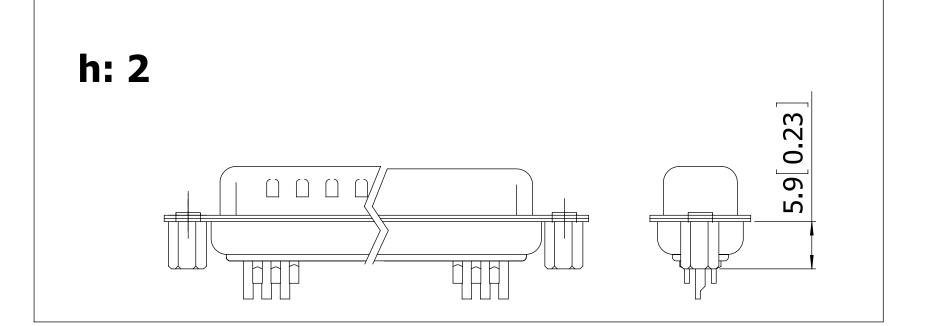
	DRAWN	DATE	NAME	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM [INCHES]		07/01/2011		<b>ESULLINS</b> CONNECTOR SOLUTIONS
TOLERANCES:	PROPIET SULLINS EI TO BE RE	FARY INFORMATI LECTRONICS AN EPRODUCED, US ED TO OTHERS F	ION OF ID IS NOT SED OR	TITLE 104 SERIES D-SUB H.D. SOLDER CUP TYPE
ANGULAR: ± 3°  DECIMALS	PURPOSE E AUTHORI	EXCEPT AS SPEC IZED IN WRITING F SULLINS ELEC	BY AN	CDC104_DD _ N _
X.=± 0.38 [.015] .X=± 0.25 [.010] .XX=± 0.13 [.005]			SIZE   CAGE CODE   DWG. NO.     C     S4453       11800       C	
		′		SCALE: 1:15 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] .X= ± 0.25 [.010]  $.XX = \pm 0.13[.005]$

DRAWN DATE NAME 07/01/2011 LH THE INFORMATION HEREIN CONTAINS
PROPIETARY INFORMATION OF
SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY

104 SERIES D-SUB H.D. SOLDER CUP TYPE

54453 SCALE: 1:8

PURPOSE EXCEPT AS SPECIFICALLY
AUTHORIZED IN WRITING BY AN
OFFICER OF SULLINS ELECTRONICS. SDS104-PR\_ CAGE CODE | DWG. NO. 11800 SHEET 2 OF 3

FILE NAME: 11800, SDS104-PR

# 

#### a. CONTACT PLATING

( ALL PLATINGS HAVE .000050" NICKEL UNDERPLATE)

6

- 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

- 15 = 15 POSITIONS
- 26 = 26 POSITIONS
- 44 = 44 POSITIONS
- **62 = 62 POSITIONS**
- **78 = 78 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



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MM [INCHES]

TOLERANCES:

ANGULAR: ± 3°

DECIMALS

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

ANT

DRAWN DATE NAME

07/01/2011 LH

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SIZE CARE
C 5

TITLE

104 SERIES D-SUB H.D. SOLDER CUP TYPE

PART NUMBER

SDS104-PR

- - N 
SIZE CAGE CODE DWG. NO.

C 54453

SCALE: 1:8

SHEET 3 OF 3

FILE NAME: 11800, SDS104-PR