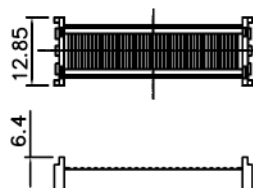
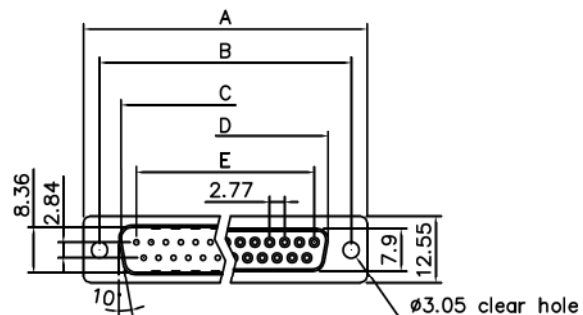


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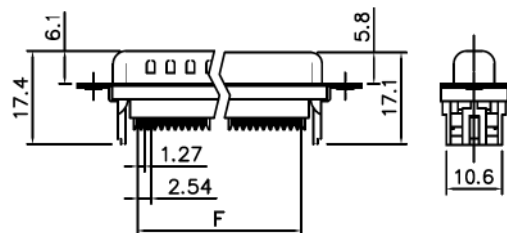
RoHS COMPLIANT

REVISIONS

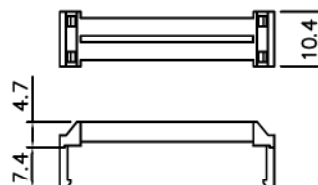
REV	ECN NO.	DESCRIPTION	APPROVED BY	DATE
A				
B				



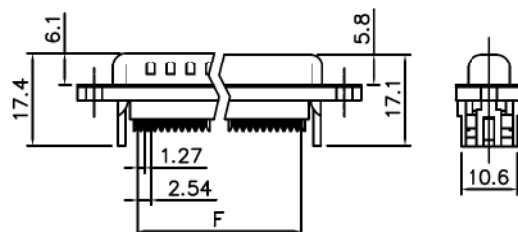
Cover



Without Insulator Support



Strain Relief



With Insulator Support

Dimensions

Positions	A	B	C	D	E	F
9	30.81	24.99	16.92	16.33	11.08	10.16
15	39.20	33.30	25.25	24.70	19.39	17.78
25	53.05	47.04	38.96	38.40	33.24	30.48
37	69.40	63.50	55.42	54.84	49.86	45.72

DIMENSIONS:

☐ mm [INCH] ☐ INCH [mm] ☒ mm ONLY

UNLESS OTHERWISE SPECIFIED, GENERAL TOLERANCE:

DECIMALS ANGLES
X. ± 0.38 [0.015] X* $\pm 3^\circ$
.X ± 0.25 [0.010] .X* $\pm 1.0^\circ$
.XX ± 0.13 [0.005]

MATERIAL

FINISH

CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE

DRAWN BY AND DATE
SUE ZHANG 10-20-05

CHECKED BY AND DATE
JUSTIN XING 10-20-05

APPROVED BY AND DATE
KING CHIU 10-20-05

THIRD ANGLE PROJECTION



SCALE:
1 : 1

SIZE: A3



Y-S ELECTRONIC CO., LTD.

TITLE

103 SERIES
D-SUB IDC TYPE

DRAWING NO.

103-XXXXXXXXXX

FILE NO.:

SHEET 1 OF 5

REV

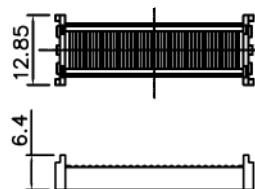
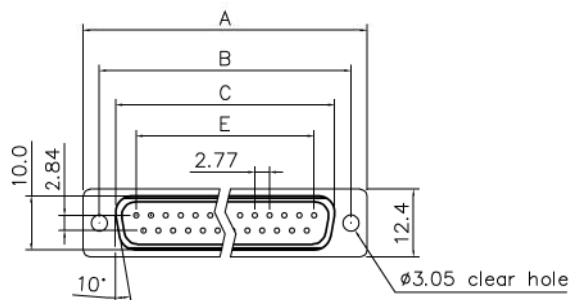
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DO NOT SCALE DRAWING

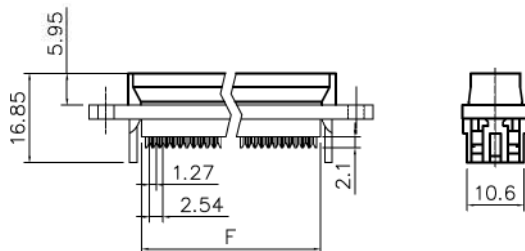
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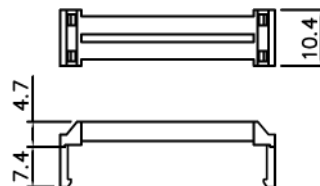
REVISIONS				
REV	ECN NO.	DESCRIPTION	APPROVED BY	DATE
A			KING CHIU	2006-09-15
B				



Cover



With Insulator Support



Strain Relief

Product Specification

Material

Insulator : Glass-Filled Thermoplastic PBT, UL94V-0
Contact : Brass

Electrical

Contact Resistance : 20 milliohms
Insulation Resistance : 1000 megohms at 500 VDC
Dielectric Withstanding Voltage : 1000 VAC/rms 60Hz for 1 minute
Current Rating : 3 AMP
Voltage Rating : 250 VAC/rms 60Hz
Operation Temperature : -25°C to +85°C

Dimensions

Positions	A	B	C	E	F
9	30.50	25.00	18.05	11.08	13.10
15	39.00	33.32	26.35	19.39	20.70
25	53.08	47.04	40.95	33.24	33.68
37	69.25	63.50	56.75	49.86	50.30

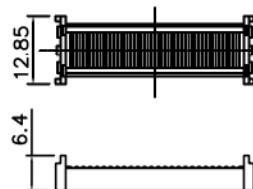
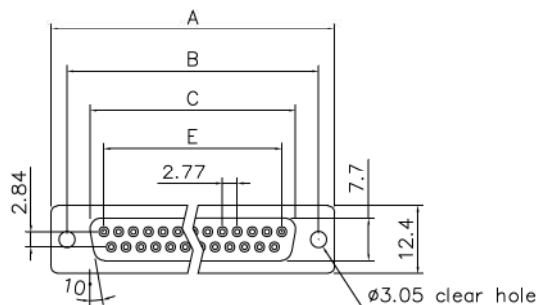
DIMENSIONS:		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE		 Y-S ELECTRONIC CO., LTD.	
☐ mm [INCH]	☐ INCH [mm]	☒ mm ONLY	DRAWN BY AND DATE JUSTIN XING 05-29-06		
UNLESS OTHERWISE SPECIFIED, GENERAL TOLERANCE:		CHECKED BY AND DATE JUSTIN XING 05-29-06		TITLE 103 SERIES D-SUB IDC TYPE	
DECIMALS ANGLES X. ±0.38 [0.015] X* ±3° .X ±0.25 [0.010] X* ±1.0° .XX ±0.13 [0.005]		APPROVED BY AND DATE KING CHIU 05-29-06			
		THIRD ANGLE PROJECTION 			
MATERIAL				DRAWING NO.	REV
				103-XX1X0X011	B
FINISH		SCALE: 1 : 1	SIZE: A3	FILE NO.:	SHEET 2 OF 5

DO NOT SCALE DRAWING

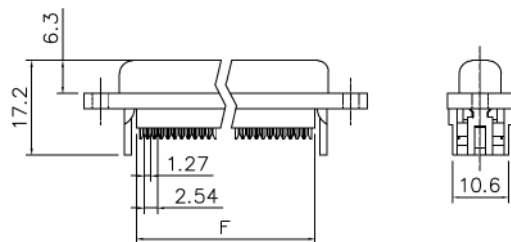
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RoHS COMPLIANT

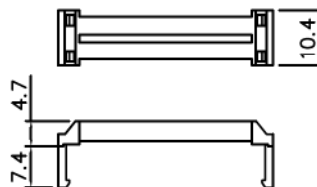
REVISIONS				
REV	ECN NO.	DESCRIPTION	APPROVED BY	DATE
A		△	KING CHIU	2006-12-14
B				



Cover



With Insulator Support



Strain Relief

Product Specification

Material

Insulator : Glass-Filled Thermoplastic PBT, UL94V-0

Contact : Brass

Electrical

Contact Resistance : 20 milliohms

Insulation Resistance : 1000

megohms at 500 VDC

Dielectric Withstanding Voltage :

1000 VAC/rms 60Hz for 1 minute

Current Rating : 3 AMP

Voltage Rating : 250 VAC/rms 60Hz

Operation Temperature : -25°C to +85°C

Dimensions

Positions	A	B	C	E	F
9	30.50	24.99	16.00	11.08	13.10
15	39.00	33.30	24.27	19.39	20.70
25	53.05	47.04	38.22	33.24	33.68
37	69.40	63.50	53.50	49.86	50.30

DIMENSIONS: ☐ mm [INCH] ☐ INCH [mm] ☒ mm ONLY	CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE DRAWN BY AND DATE JUSTIN XING 05-29-06	
UNLESS OTHERWISE SPECIFIED, GENERAL TOLERANCE: DECIMALS X. ±0.38 [0.015] .X ±0.25 [0.010] .XX ±0.13 [0.005]	ANGLES X° ±3° .X° ±1.0°	CHECKED BY AND DATE JUSTIN XING 05-29-06 APPROVED BY AND DATE KING CHIU 05-29-06 THIRD ANGLE PROJECTION
MATERIAL		TITLE 103 SERIES D-SUB IDC TYPE
FINISH	SCALE: 1 : 1	SIZE: A3
	DRAWING NO. 103-XX2X0X011	REV B
	FILE NO.:	SHEET 3 OF 5

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Ordering Information

103 - $\frac{XX}{a} \frac{X}{b} \frac{X}{c} \frac{X}{d} \frac{X}{e} \frac{X}{f} \frac{X}{g} \frac{X}{h}$

a.No.Of Pins

09: 09 positions
15: 15 positions
25: 25 positions
37: 37 positions
50: 50 positions

b.Contact Type:

1:Male 3:Male (phosphor bronze)
2:Female 4:Female (phosphor bronze)

c.Contact Plating :

0.Gold flash selective gold(standard)
1.5u"selective gold on contact
2.10u"selective gold on contact
3.15u"selective gold on contact
4.30u"selective gold on contact
5.50u"selective gold on contact
6.Gold flash full gold
7.Gold flash selective gold(Phosphor Bronze)
8.Matte tin
9.15u"selective gold on contact(Phosphor Bronze)
A.2.5 μ inch min gold over 12 μ inch Pd-Ni
B.2.5 μ inch min gold over 28 μ inch Pd-Ni
C:5u" GOLD(for HARTING電鍍測點變更)
D:鍍2.5u"金,28u"把鍍(for HARTING電鍍測點變更)

d.Shell plating :

0.All plastic
1.Nickel(standard)
2.Tin
3.Cr⁺⁶yellow chrome
4.Gold flash
5.Tin, dimple
6.Cr⁺⁶yellow chrome,dimple
7.Tin tab shell dimple
8.Special tin, dimple
9.Cr⁺³yellow chrome
A.Cr⁺³yellow chrome,dimple
B.Matte tin
C.All plastic(With UL logo)
D.Special Ni, dimple

e. Insulator Color :

1:Blue 7.Pc99 green
2:Black(standard) 8.Pc99 yellow
3:White 9.Black(Halogen-free)
4:Gray
5:Green
6.Pc99 blue

f.Flange Mounting Option :

0:Ø3.05mm clear hole
1:#4-40 unc Threaded Hole
2:M2.6 Threaded Hole
3:M3 Threaded Hole
4:#4-40 unc Threaded Hole:4mm
5:#4-40 unc Threaded Hole,with #4-40 unc(5.8*10.8mm)screwlock installed
6:#4-40 unc Threaded Hole,with M3(5.8*10.8mm)screwlock installed
7:#4-40 unc Threaded Hole(2.5mm)
8:Back hex rivet,5.9mm;M3
9:M2 Threaded Hole
A:#4-40 unc Threaded Hole,with #4-40 unc(5.8*11.8mm)screwlock bulk-packed
B:#4-40 unc Threaded Hole,with #4-40 unc(4.8*11.8mm)screwlock installed
C:Front hex rivet,5.9mm; #4-40 unc
D:Front hex rivet,5.9mm;M3
E:Back hex rivet,5.9mm;#4-40 unc
F:Back hex rivet,4.0mm;#4-40 unc,with #4-40 unc(5.0*10.0mm)screwlock installed
G:#4-40 unc Threaded Hole,with #4-40 unc(4.8*11.8mm)screwlock bulk-packed
H:#4-40 unc夾片
I:Back hex rivet,4.0mm;#4-40 unc,with M3(5.0*10.0mm)screwlock installed
J:Back hex rivet,4.0mm;#4-40 unc,with M2.6(5.8*11.8mm)screwlock installed
K:Back hex rivet,4.0mm;M3,with M3(5.0*10.0mm)screwlock installed

g. Insulator support type:

1:with insulator support
2:w/o insulator support

h. SR type:

1:plastic strain relief
2:metal shell strain relief
3:withour strain relief

i. Insulator type

N:Economical type

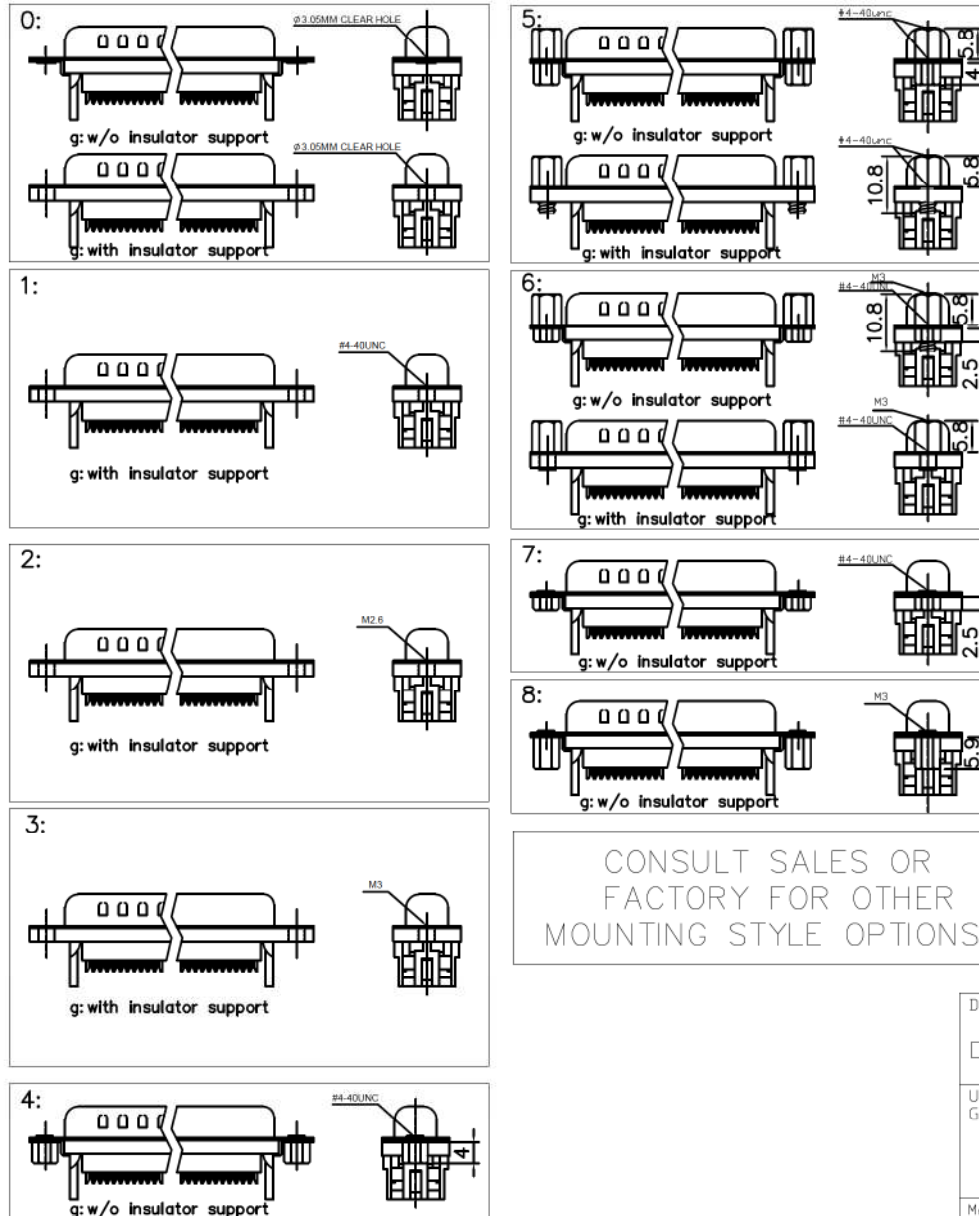
DIMENSIONS: ☐ mm [INCH] ☐ INCH [mm] ☒ mm ONLY		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE DRAWN BY AND DATE JUSTIN XING 07-20-06		 Y-S ELECTRONIC CO., LTD.	
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MATERIAL		FINISH		TITLE 103 SERIES D-SUB IDC TYPE	
SCALE: 1 : 1		SIZE: A3		DRAWING NO. 103-XXXXXXXXXX	
FILE NO.:		SHEET 1 OF 1		REV B	

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REVISIONS			
REV	ECN NO.	DESCRIPTION	APPROVED BY
A			

f: Flange Mounting Option:



CONSULT SALES OR
FACTORY FOR OTHER
MOUNTING STYLE OPTIONS

DIMENSIONS:		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE		 Y-S ELECTRONIC CO., LTD.	
☐ mm [INCH]	☐ INCH [mm]	☒ mm ONLY	DRAWN BY AND DATE SUE ZHANG 10-20-05		
UNLESS OTHERWISE SPECIFIED, GENERAL TOLERANCE:		CHECKED BY AND DATE JUSTIN XING 10-20-05		TITLE 103 SERIES D-SUB IDC TYPE	
DECIMALS X. ±0.38 [0.015] .X ±0.25 [0.010] .XX ±0.13 [0.005]		APPROVED BY AND DATE KING CHIU 10-20-05			
ANGLES X° ±3° .X° ±1.0°		THIRD ANGLE PROJECTION 			
MATERIAL		SCALE: 1 : 1		DRAWING NO. 103-XXXXXXXXXX	
FINISH		SIZE: A3		REV B	
				FILE NO.: SHEET 5 OF 5	