

Material:
Housing: PBT,UL94V-0
Contacts: Brass
Plating: Au or Sn over 50u" nickel

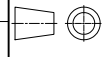
Electrical Characteristics:
Current Rating: 3.0 AMP
Insulator Resistance: 1000M Ohm min.
Withstand Voltage: 1000V AC / Minute
Contact Resistance: 20m Ohm max.
Operating Temperature: -40°C ~ +105°C
Max.Processing Temp: 180°C for 30-60 seconds
 (200°C for 10 seconds)

Note:
 6P Without Slot M and N
 8P ~ 12P With Slot M, Without Slot N
 14P ~ 64P With Slot M and N

Pin	Dimension mm			
	A	B	C	D
06	12.42	5.08	6.35	12.12
08	14.96	7.62	8.89	14.66
10	17.50	10.16	11.43	17.20
12	20.04	12.70	13.97	19.74
14	22.58	15.24	16.51	22.28
16	25.12	17.78	19.05	24.82
18	27.66	20.32	21.59	27.36
20	30.20	22.86	24.13	29.30
24	35.28	27.94	29.21	34.98
26	37.82	30.48	31.75	37.52
28	40.36	33.02	34.29	40.06
30	42.90	35.56	36.83	42.60
34	47.98	40.64	41.91	47.68
40	55.60	48.26	49.53	55.30
44	60.68	53.34	54.61	60.38
50	68.30	60.96	62.23	68.00
60	81.00	73.66	74.93	80.70
64	86.08	78.74	80.01	85.78

Name to order: IDC-XX, where XX - number of contacts (06 - 64)

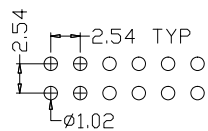
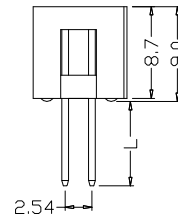
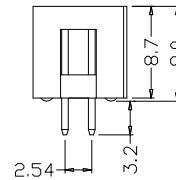
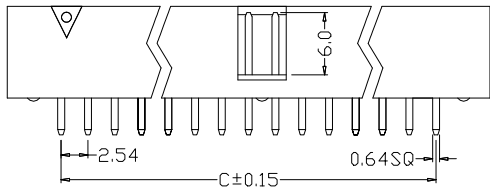
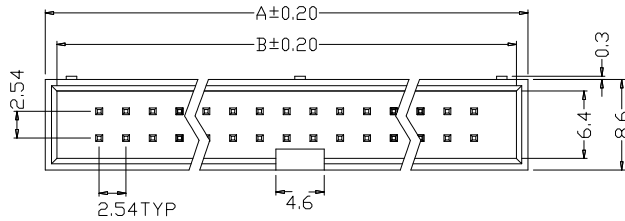
Total Pitch Tolerances in mm										Nominal dimension range in mm										⊥		≡		—		//	
over 0	over 30	over 53	over 70	over 90	over 115	over 150	over 250	over 350	over 500	over 0	over 30	over 53	over 70	over 90	over 115	over 150	over 200	over 250	over 320	over 0	over 10	over 0	over 100	over 0	over 100	over 0	over 150
±0.18	±0.20	±0.25	±0.3	±0.35	±0.44	±0.60	±0.70	±0.85	±0.20	±0.25	±0.30	±0.35	±0.44	±0.55	±0.70	±0.80	±0.90	0.2	0.3	0.3	0.3	0.2	0.3	0.2	0.3	0.5	

ITEM	NAME OF PART	NO. OF PART	Q"TY	MATERIAL	NOTE
DWG.		DATE	SIZE	A4 UNITS mm	SHEET/OF 1 / 1
CHK.		DATE	SCALE		
APP.		DATE		NAME IDC-XX	



FILE:

Straight Type



P. C. B. Layout

Long Dip

Dimension

position	A	B	C
06	15.24	13.04	5.08
08	17.78	15.58	7.62
10	20.32	18.12	10.16
12	22.86	20.66	12.70
14	25.40	23.20	15.24
16	27.94	25.74	17.78
20	33.02	30.82	22.86
24	38.10	35.90	27.94
26	40.64	38.44	30.48
30	45.72	43.52	35.56
34	50.80	48.60	40.64
40	58.42	56.22	48.26
50	71.12	68.92	60.96
60	83.82	81.62	73.66
64	88.90	86.70	78.74

Electrical Characteristics:

- Current Rating: 1AMP**
- Insulator Resistance: 5000MΩmin. at DC 500V**
- Contact Resistance: 20mΩmax. at DC 100mA**
- Operating Temperature: -45°C--+105°C**

Material:


- Housing: 30% Glass filled PBT UL94V-0**
- Contacts: Brass**
- Plating: Selective gold plated: gold plated on mating area and nickel plated on wire cutting area**
- Gold plated: 2u". over 50u" nickel**
- Tin plated: 100u". over 50u" nickel**

Features:

- * Fully shrouded provides ultimate reliability,**
- * With center polarization.**
- * Straight, Right angle and Wire Wrap**

Name to order: BH-XX, where XX - number of contacts (06 - 64)

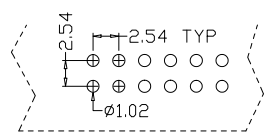
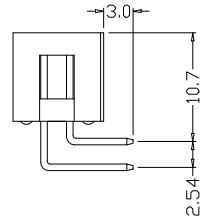
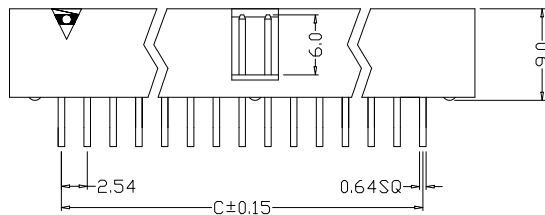
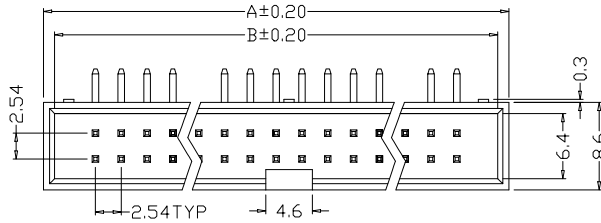
Total Pitch Tolerances in mm										Nominal dimension range in mm										⊥	≡	—	//								
over 0	over 30	over 53	over 70	over 90	over 115	over 150	over 250	over 350	over 500	over 0	over 30	over 53	over 70	over 90	over 115	over 150	over 200	over 250	over 320	over 0	over 10	all	over 0	over 100	over 150	0.2	0.3	0.3	0.2	0.3	0.5
±0.18	±0.20	±0.25	±0.3	±0.35	±0.44	±0.60	±0.70	±0.85	±0.20	±0.25	±0.30	±0.35	±0.44	±0.55	±0.70	±0.80	±0.90	0.2	0.3	0.2	0.3	0.3	0.2	0.3	0.5						

ITEM	NAME OF PART	NO. OF PART	Q'TY	MATERIAL			NOTE	
DWG.		DATE	SIZE	A4	UNITS	mm	SHEET/OF	1 / 1
CHK.		DATE	SCALE					
APP.		DATE		NAME BH-XX				
DWGNO.								



FILE:

RightAngle Type



P.C.B Layout

Electrical Characteristics:

- Current Rating: 1AMP**
- Insulator Resistance: 5000MΩmin. at DC 500V**
- Contact Resistance: 20mΩmax. at DC 100mA**
- Operating Temperature: -45°C~+105°C**

Material:

- Housing: 30% Glass filled PBT UL94V-0**
- Contacts: Brass**
- Plating: Selective gold plated: gold plated on mating area and nickel plated on wire cutting area**
- Gold plated: 2u" over 50u" nickel**
- Tin plated: 100u" over 50u" nickel**

Features:

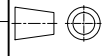
- * Fully shrouded provides ultimate reliability,
- * With center polarization.
- * Straight, Right angle and Wire Wrap

Dimension

position	A	B	C
06	15.24	13.04	5.08
08	17.78	15.58	7.62
10	20.32	18.12	10.16
12	22.86	20.66	12.70
14	25.40	23.20	15.24
16	27.94	25.74	17.78
20	33.02	30.82	22.86
24	38.10	35.90	27.94
26	40.64	38.44	30.48
30	45.72	43.52	35.56
34	50.80	48.60	40.64
40	58.42	56.22	48.26
50	71.12	68.92	60.96
60	83.82	81.62	73.66
64	88.90	86.70	78.74

Name to order: BH-XXR, where XX - number of contacts (06 - 64)

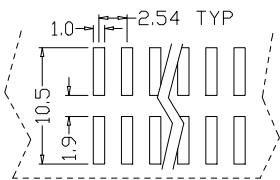
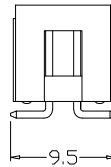
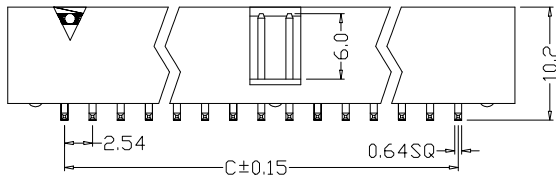
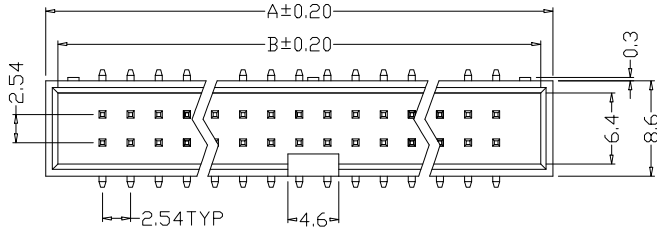
Total Pitch Tolerances in mm										Nominal dimension range in mm										⊥	≡	—	//								
over 0	over 30	over 53	over 70	over 90	over 115	over 150	over 250	over 350	over 500	over 0	over 30	over 53	over 70	over 90	over 115	over 150	over 200	over 250	over 320	over 0	over 10	all	over 0	over 100	over 150	0.2	0.3	0.3	0.2	0.3	0.5
±0.18	±0.20	±0.25	±0.3	±0.35	±0.44	±0.60	±0.70	±0.85	±0.20	±0.25	±0.30	±0.35	±0.44	±0.55	±0.70	±0.80	±0.90	0.2	0.3	0.3	0.2	0.3	0.2	0.3	0.5						

ITEM	NAME OF PART	NO. OF PART	Q'TY	MATERIAL			NOTE	
DWG.		DATE	SIZE	A4	UNITS	mm	SHEET/OF	1 / 1
CHK.		DATE	SCALE					
APP.		DATE		NAME BH-XXR				



FILE:

SMT Type



P.C.B Layout

Electrical Characteristics:

- Current Rating: 1AMP**
- Insulator Resistance: 5000MΩmin. at DC 500V**
- Contact Resistance: 20mΩmax. at DC 100mA**
- Operating Temperature: -45°C~+105°C**

Material:

- Housing: 30% Glass filled PBT UL94V-0**
- Contacts: Brass**
- Plating: Selective gold plated: gold plated on mating area and nickel plated on wire cutting area**
- Gold plated: 2u" over 50u" nickel**
- Tin plated: 100u" over 50u" nickel**

Features:


- * Fully shrouded provides ultimate reliability,
- * With center polarization.
- * Straight, Right angle and Wire Wrap

Dimension

position	A	B	C
06	15.24	13.04	5.08
08	17.78	15.58	7.62
10	20.32	18.12	10.16
12	22.86	20.66	12.70
14	25.40	23.20	15.24
16	27.94	25.74	17.78
20	33.02	30.82	22.86
24	38.10	35.90	27.94
26	40.64	38.44	30.48
30	45.72	43.52	35.56
34	50.80	48.60	40.64
40	58.42	56.22	48.26
50	71.12	68.92	60.96
60	83.82	81.62	73.66
64	88.90	86.70	78.74

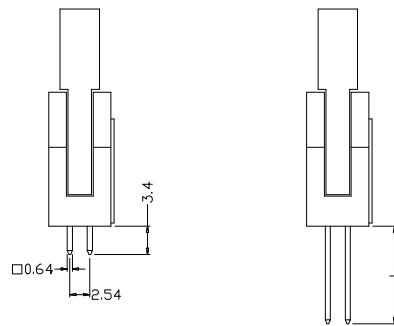
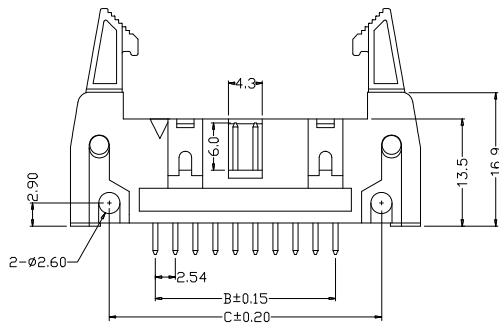
Name to order: BHS-XX, where XX - number of contacts (06 - 64)

Total Pitch Tolerances in mm										Nominal dimension range in mm										⊥	≡	—	//		
over 0	over 30	over 53	over 70	over 90	over 115	over 150	over 250	over 350	over 500	over 0	over 30	over 53	over 70	over 90	over 115	over 150	over 200	over 250	over 320	over 0	over 10	all	over 0	over 100	over 150
±0.18	±0.20	±0.25	±0.3	±0.35	±0.44	±0.60	±0.70	±0.85	±0.20	±0.25	±0.30	±0.35	±0.44	±0.55	±0.70	±0.80	±0.90	0.2	0.3	0.3	0.3	0.2	0.3	0.5	

ITEM	NAME OF PART	NO. OF PART	Q"TY	MATERIAL			NOTE	
DWG.		DATE	SIZE	A4	UNITS	mm	SHEET/OF	1 / 1
CHK.		DATE	SCALE					
APP.		DATE		NAME BHS-XX				

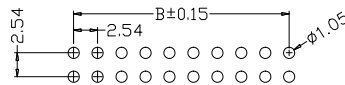
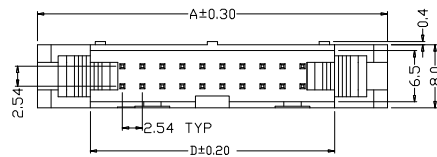


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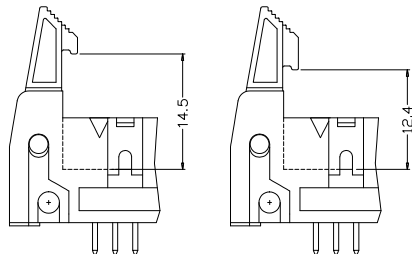


Straight Type

Long Dip



P. C. B Layout



Long Lever

Short Lever

Dimension

position	A	B	C	D
06	26.52	5.08	16.76	13.22
08	29.06	7.62	19.30	15.76
10	31.60	10.16	21.84	18.30
14	36.68	15.24	26.92	23.38
16	39.22	17.78	29.46	25.92
20	44.30	22.86	34.54	31.00
26	51.92	30.48	42.16	38.62
30	57.00	35.56	47.24	43.70
34	62.08	40.64	52.32	48.78
40	69.70	48.26	59.94	56.40
50	82.40	60.96	72.64	69.10
60	95.10	73.66	85.34	81.80
64	100.18	78.74	90.42	86.88

Electrical Characteristics:

- Current Rating: 1AMP**
- Insulator Resistance: 5000MΩmin. at DC 500V**
- Contact Resistance: 20mΩmax. at DC 100mA**
- Operating Temperature: -45°C~+105°C**

Material:

- Housing: 30% Glass filled PBT UL94V-0**
- Contacts: Brass**
- Plating: Gold plated: 2u". over 50u" nickel**

Features:

- * Fully shrouded provides ultimate reliability.**
- * Black or gray insulator available.**
- * Choices of Eject lever.**

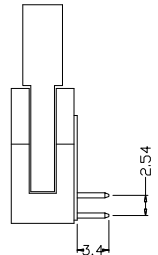
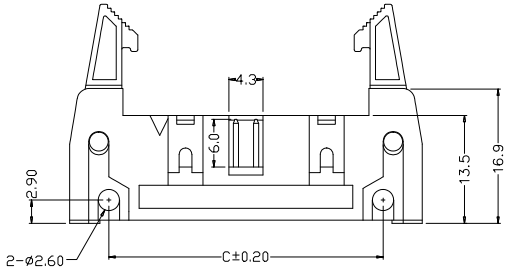
Standard model: long lever, 3.4mm pin length

Name to order: SCM-XX, where XX - number of contacts (06 - 64)

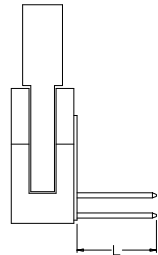
Total Pitch Tolerances in mm										Nominal dimension range in mm										⊥	≡	—	//		
over 0	over 30	over 53	over 70	over 90	over 115	over 150	over 250	over 350	over 500	over 0	over 30	over 53	over 70	over 90	over 115	over 150	over 200	over 250	over 320	over 0	over 10	all	over 0	over 100	over 150
to 30	to 53	to 70	to 90	to 115	to 150	to 250	to 350	to 500		to 30	to 53	to 70	to 90	to 115	to 150	to 200	to 250	to 320		to 10			to 100	to 150	
±0.18	±0.20	±0.25	±0.3	±0.35	±0.44	±0.60	±0.70	±0.85	±0.20	±0.25	±0.30	±0.35	±0.44	±0.55	±0.70	±0.80	±0.90	0.2	0.3	0.3	0.3	0.2	0.3	0.5	

ITEM	NAME OF PART	NO. OF PART	Q"TY	MATERIAL	NOTE
DWG.		DATE	SIZE	A4 UNITS mm	SHEET/OF 1 / 1
CHK.		DATE	SCALE		
APP.		DATE			
				NAME	SCM-XX
				DWGNO.	





Right Angle Type



Long Dip

Electrical Characteristics:

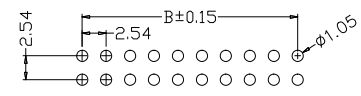
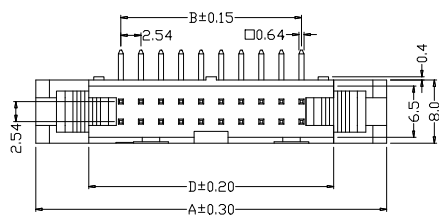
- Current Rating: 1AMP
- Insulator Resistance: 5000MΩmin. at DC 500V
- Contact Resistance: 20mΩmax. at DC 100mA
- Operating Temperature: -45°C~+105°C

Material:

- Housing: 30% Glass filled PBT UL94V-0
- Contacts: Brass
- Plating: Gold plated: 2u" over 50u" nickel

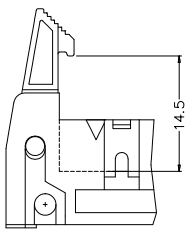
Features:

- * Fully shrouded provides ultimate reliability,
- * Black or gray insulator available.
- * Choices of Eject lever.

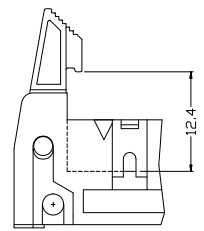


P. C. B Layout

Standard model: long lever, 3.4mm pin length



Long Lever



Short Lever

Dimension

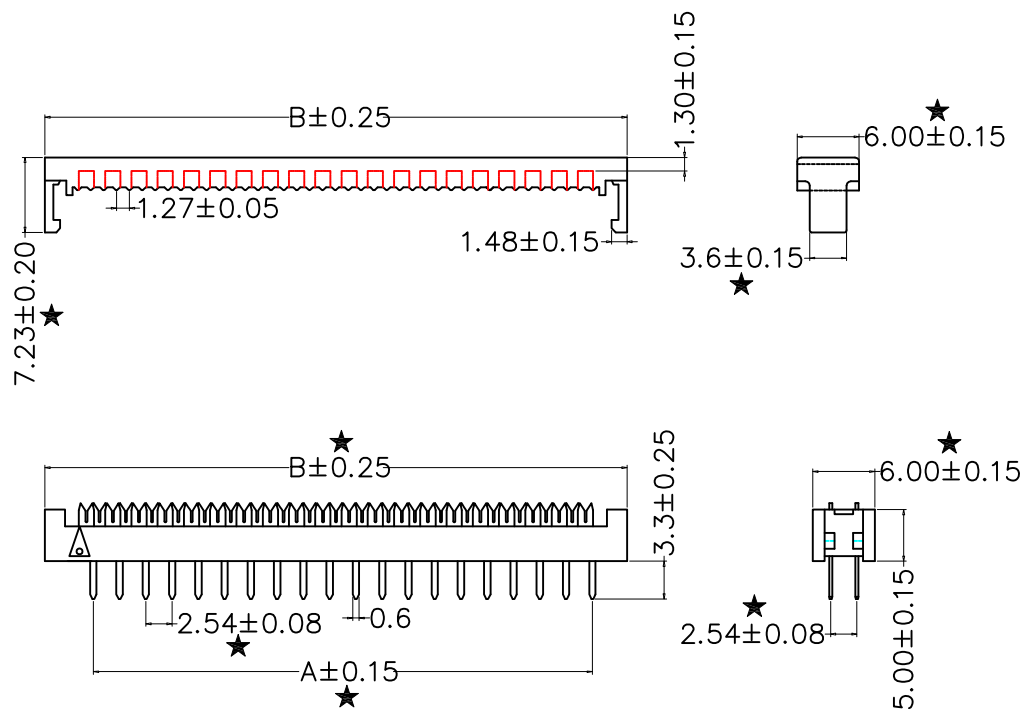
position	A	B	C	D
06	26.52	5.08	16.76	13.22
08	29.06	7.62	19.30	15.76
10	31.60	10.16	21.84	18.30
14	36.68	15.24	26.92	23.38
16	39.22	17.78	29.46	25.92
20	44.30	22.86	34.54	31.00
26	51.92	30.48	42.16	38.62
30	57.00	35.56	47.24	43.70
34	62.08	40.64	52.32	48.78
40	69.70	48.26	59.94	56.40
50	82.40	60.96	72.64	69.10
60	95.10	73.66	85.34	81.80
64	100.18	78.74	90.42	86.88

Name to order: SCM-XXR, where XX - number of contacts (06 - 64)

Total Pitch Tolerances in mm										Nominal dimension range in mm										⊥	≡	—	//		
over 0	over 30	over 53	over 70	over 90	over 115	over 150	over 250	over 350	over 500	over 0	over 30	over 53	over 70	over 90	over 115	over 150	over 200	over 250	over 320	over 0	over 10	all	over 0	over 100	over 150
±0.18	±0.20	±0.25	±0.3	±0.35	±0.44	±0.60	±0.70	±0.85	±0.20	±0.25	±0.30	±0.35	±0.44	±0.55	±0.70	±0.80	±0.90	0.2	0.3	0.3	0.3	0.2	0.3	0.5	

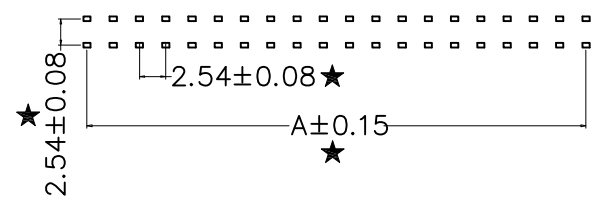
ITEM	NAME OF PART	NO. OF PART	Q'TY	MATERIAL	NOTE
DWG.		DATE	SIZE	A4 UNITS mm	SHEET/OF 1/1
CHK.		DATE	SCALE		
APP.		DATE			
				NAME	SCM-XXR
				DWGNO.	





带★符号为重点尺寸 Key dimensions

Recommend p.c. Board Layout



PART NO	Dim. A	Dim. B
FD-6P	5.08	12.98
FD-8P	7.62	15.52
FD-10P	10.16	18.06
FD-12P	12.7	20.60
FD-14P	15.24	23.14
FD-16P	17.78	25.68
FD-18P	20.32	28.22
FD-20P	22.86	30.76
FD-24P	27.94	35.84
FD-26P	30.48	38.38
FD-28P	33.02	40.92
FD-30P	35.56	43.46
FD-34P	40.64	48.54
FD-40P	48.26	56.16
FD-50P	60.96	68.86
FD-60P	73.66	81.56
FD-64P	78.74	86.64

MATERIAL&FINISH

Insulator: PA6T Glass Fiber(UL94V-0)

Contact : Brass

Contact : Gold-Plated Over Nickel.

SPECIFICATIONS

Current Rating : 3A AC,DC

Voltage Rating : 250V AC,DC

Temperature Range: -40°C To+105°C

Contact Resistance: 20mΩ Min

Insulation Resistance: 1000MΩ Min

Withstanding Voltage: 1000V AC/Min

Name to order: FDC-XX, where XX - number of contacts (06 - 64)

Total Pitch Tolerances in mm										Nominal dimension range in mm										⊥	≡	-	//			
over 0	over 30	over 53	over 70	over 90	over 115	over 150	over 200	over 250	over 320	over 0	over 30	over 53	over 70	over 90	over 115	over 150	over 200	over 250	over 320	over 0	over 10	over 10	all	over 0	over 100	over 150
±0.18	±0.20	±0.25	±0.3	±0.35	±0.44	±0.55	±0.70	±0.75	±0.20	±0.25	±0.30	±0.35	±0.44	±0.55	±0.70	±0.80	±0.90	0.2	0.3	0.3	0.3	0.2	0.3	0.2	0.3	0.5

ITEM	NAME OF PART	NO. OF PART	Q'TY	MATERIAL	NOTE
DWG.	DATE		UNITS	mm	SHEET/OF 1 / 1
CHK.	DATE		SCALE	2.5:1	A4
APP.	DATE				
				NAME	FDC-XX
				DWGNO.	

