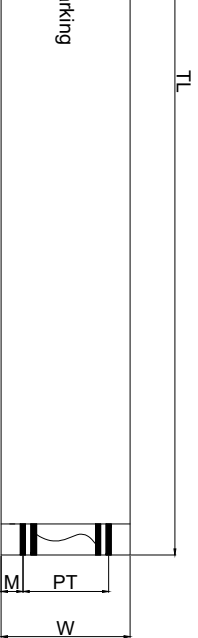




**THE DATASHEET OF
AFFC-050-20-153-11**

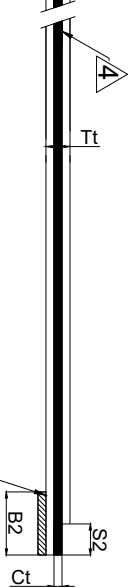


	3	4	5	6	7
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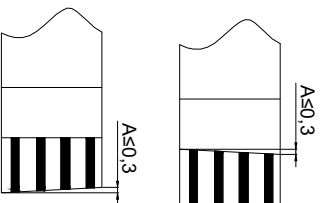


B

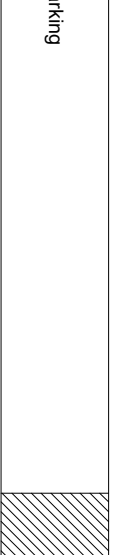
- ② SPECIFICATION:
- Electrical
1. Current rating: 0.5A max.
 2. Voltage rating: 90V
 3. Insulation resistance: 1000MΩ min. 500V/DC
 4. Dielectric strength: 500VAC/minute
 - ⑥ 5. Conductor resistance: S2: 2Ω/m
 6. Contact resistance: <20mΩ
- Mechanical
1. Elongation of insulator: >60%
 2. Tensile strenght of insulator: >3.5kg/mm²
 3. Flexing test: 180° > 20 times
 4. Abrasion: >10000 times
 5. Durability: >20 cycles
- Environmental
1. Operating temperature: -40 ~ +105°C
 2. Heat resistance: 85°C 96hours
 3. Moisture resistance: 40°C 95% RH 96hours
 4. Flammability rating: UL Sub. 758
UL20890 105°C 90V VW-1
 - ④ WSW UL No.: E506903
 - ⑤ ③ Packaging: 100pcs/PE bag



C



D



Spec	
Strip length	S1 3.5 ±0.5 S2 3.5 ±0.5
Support tape length	B1 6.0 ±1.0 B2 6.0 ±1.0
Mating thickness	T 0.303 ±0.05
Cable thickness	Tt 0.121 ±0.05
Cutting slope	A ≤0.3

F

WSW order code: AFFC-050-xx-xxx-11

No. of poles ① 04~80

Total Cable length

051: 50,80±1mm
076: 76,20±2mm
102: 101,6±2mm
127: 127±2mm
153: 152,4±2mm
⑦ 700: 700±10mm

Construction			
No.	Name	Spec.	
①	Insulation thickness	No marking 43µm PET	
②	Insulation thickness	No marking 43µm PET	
③	Support tape tk.	PET Blue 225µm	
④	Conductor (Tinned copper)	thickness Ct	0.035±0.005
		Width Cw	0.30±0.03

E

ERANCE	
±5	⑤
±1	⑤
±0.2	④
TOL	③
	②

G

⑦	⑦	⑦	⑦
Add a length 700mm	07.08.2023	Any	
⑥ Update the conductor resistance description	15.12.2022	Segal	Drawn 30.06.2016
⑤ Update the packing quantity	11.12.2019	Segal	Approved 07.08.2023
④ Add WSW UL No.	14.05.2019	Any	
③ Add package qty and revise tolerance	23.10.2018	Any	
② Add specification	10.11.2016	Any	

Description: 0.5mm pitch FFC cable

ASSMANN WSW-No. AFFC-050-xx-xxx-11

H

Free	
⑦	⑦
⑥	⑥
⑤	⑤
④	④
③	③
②	②
TOL	②

⑦	⑦	⑦	⑦
Add a length 700mm	07.08.2023	Any	
⑥ Update the conductor resistance description	15.12.2022	Segal	Drawn 30.06.2016
⑤ Update the packing quantity	11.12.2019	Segal	Approved 07.08.2023
④ Add WSW UL No.	14.05.2019	Any	
③ Add package qty and revise tolerance	23.10.2018	Any	
② Add specification	10.11.2016	Any	

Description: 0.5mm pitch FFC cable

ASSMANN WSW-No. AFFC-050-xx-xxx-11

Drawing-No. ASS 7540 CA rev07

Customer-No. Sheet 1/1

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3	4	5	6	7
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3	4	5	6	7
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Looking for pricing, stock, or lifecycle information?

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- ⊖ [Assmann WSW Components](#) Information

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- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management