

NOTES:

MATERIAL

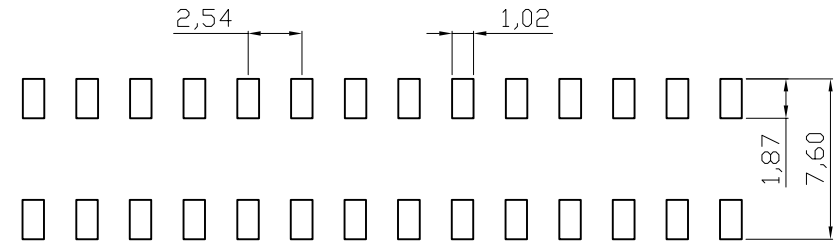
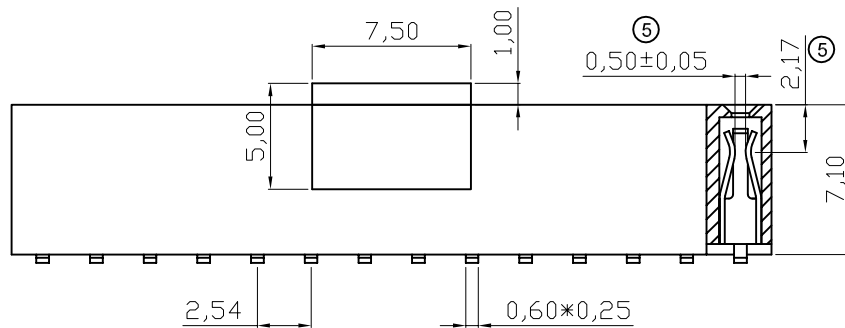
- 1. Insulator Material: PA6T+30%GF(UL94V-0), Black
- 2. Contact Material : Phosphor Bronze
- 3. Contact Plating : 1u" Au plated

ELECTRICAL

- 1. Current Rating : 3.0AMP
- 2. Withstand Voltage : 1000V AC/DC
- 3. Contact Resistance : 20mΩ max
- 4. Insulation Resistance: 1000MΩ min

ENVIRONMENTAL

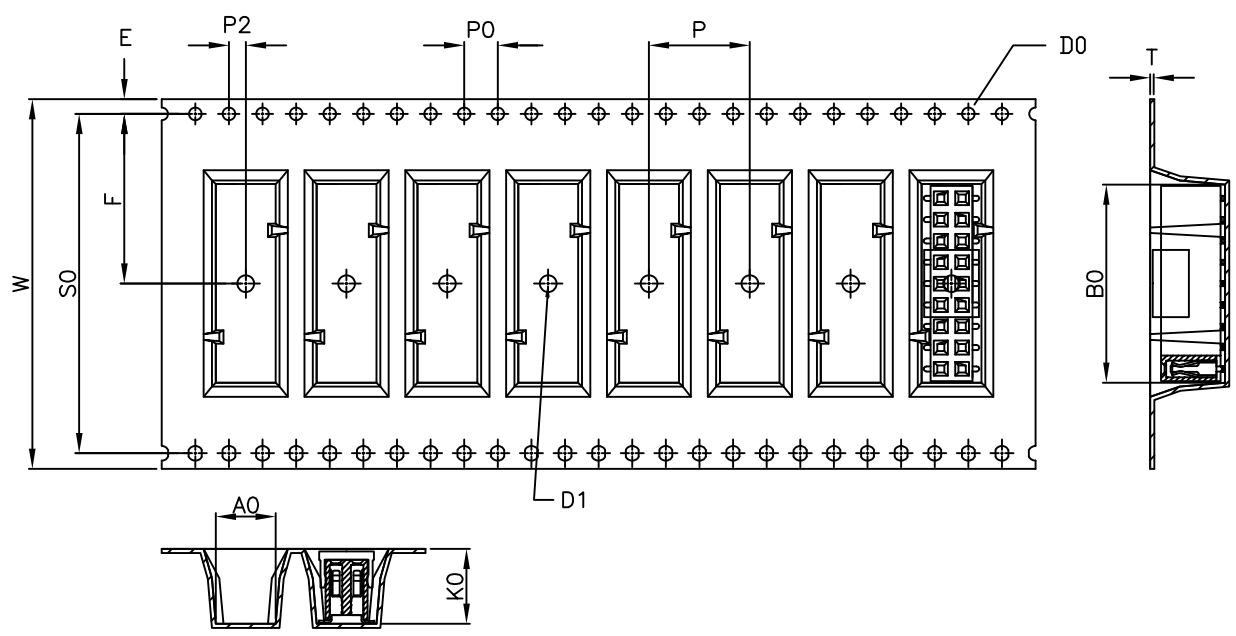
- 1. Operation Temperature: -55°C to +105°C
 - 2. Soldering temperature: +260°C max
- Packing :Tape&Reel+CAP



PCB Layout

RoHS compliant
Unit: mm

Scale	Free	⑦	Update Packing detail	07.03.2012	Lucas		Date	Name	Customer-No.
TOLERANCE		⑥	Add T&R drawing	01.03.2012	Lucas	Drawn	16.03.2007	Hellwig	ASSMANN WSW-No. A-BL254-DG-GxxSM-R
X.	±0.50	⑤	Add contact dimension	06.02.2012	Lucas	Approved	07.03.2012	Hellwig	
X.X	±0.30	④	Update design	13.01.2012	Lucas				
X.XX	±0.20	③	Add Reel drawing	15.01.2010	Dean				Drawing-No.
X.XXX	±0.10	②	Modify dimensions	15.01.2010	Dean				ASS 2176 CO
Angle	±5°								Sheet 1/3
DIM	TOL	Id.	Modification	Date	Name			Replace	



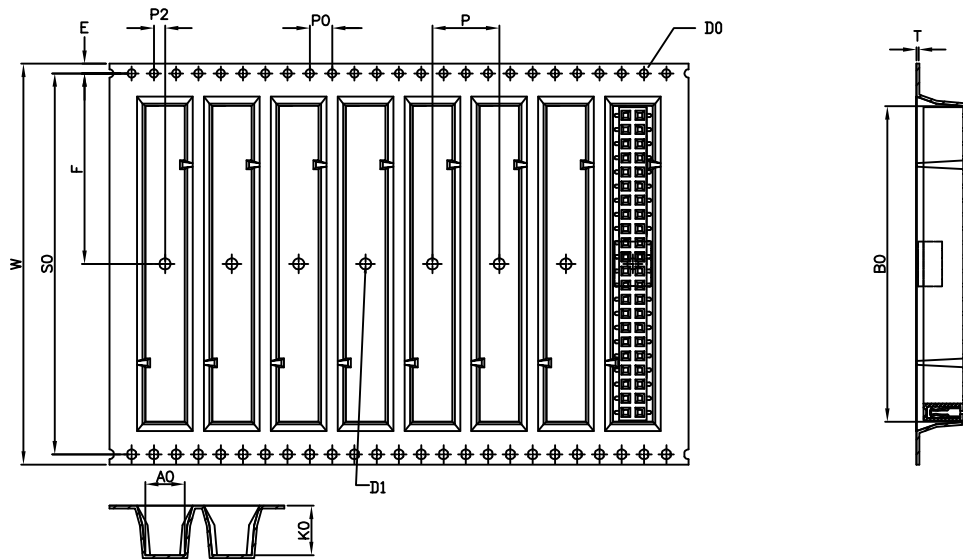
- 1.10 sprocket hole pitch cumulative tolerance±0.2mm
- 2.Carrier camber not to exceed 1mm in 250mm
- 3.A0 and B0 measured on a plane 0.3mm above the bottom of the pocket.
- 4.K0 measured from a plane on the inside bottom of the nocket to the too surface of the carrier.
- 5.All dimension meet EIA-481-D requirements.
- 6.Material: Black Conductive Polystyrene Alloy
- ⑦ 7.Packing length per 13"reel: 4.8 Meters.
- ⑦ 8.Component load per 13"reel: 350pcs(Keep 50pcs blank of the head and tail)

A-BL254-DG-G18SM-R

W	44.00±0.30	P	12.00±0.10	A0	7.10±0.15	B0	23.60±0.15
S	40.40±0.10	P0	4.00±0.10	A1		B1	
E	1.75±0.10	P2	2.00±0.15			B2	
F	20.20±0.15	D0	∅1.50 ^{+0.10} _{-0.00}	K0	8.90±0.15		
T	0.50±0.05	D1	∅2.00 Min	K1			

RoHS compliant
Unit: mm

Scale	Free	⑦	Update Packing detail	07.03.2012	Lucas		Date	Name	Customer-No.
TOLERANCE		⑥	Add T&R drawing	01.03.2012	Lucas	Drawn	16.03.2007	Hellwig	ASSMANN WSW-No. A-BL254-DG-GxxSM-R
X.	±0.25	⑤	Add contact dimension	06.02.2012	Lucas	Approved	07.03.2012	Hellwig	
X.XX	±0.15	④	Update design	13.01.2012	Lucas				Drawing-No. ASS 2176 CO
X.XXX	±0.10	③	Add Reel drawing	15.01.2010	Dean				
Angle	±5°	②	Modify dimensions	15.01.2010	Dean				rev07
DIM	TOL	Id.	Modification	Date	Name				Sheet 2/3
									Replace



- 1. 10 sprocket hole pitch cumulative tolerance ±0.2mm
- 2. Carrier camber not to exceed 1mm in 250mm
- 3. A0 and B0 measured on a plane 0.3mm above the bottom of the pocket.
- 4. K0 measured from a plane on the inside bottom of the nocket to the top surface of the carrier.
- 5. All dimension meet EIA-481-D requirements.
- 6. Material: Black Conductive Polystyrene Alloy
- 7. Packing length per 13" reel: 4.8 Meters.
- ⑦ 8. Component load per 13" reel: 350pcs (Keep 50pcs blank of the head and tail)

A-BL254-DG-G44SM-R

W	72.00±0.30	P	12.00±0.10	A0	7.10±0.15	B0	56.65±0.15
S	68.40±0.10	P0	4.00±0.10	A1		B1	
E	1.75±0.10	P2	2.00±0.20			B2	
F	34.20±0.30	D0	∅1.50 ^{+0.10} _{-0.00}	K0	8.90±0.15		
T	0.50±0.05	D1	∅2.00 Min	K1			

RoHS compliant
Unit: mm

Scale	Free	⑦	Update Packing detail	07.03.2012	Lucas		Date	Name	Customer-No.
TOLERANCE		⑥	Add T&R drawing	01.03.2012	Lucas	Drawn	16.03.2007	Hellwig	ASSMANN WSW-No. A-BL254-DG-GxxSM-R
X.	±0.25	⑤	Add contact dimension	06.02.2012	Lucas	Approved	07.03.2012	Hellwig	
X.X	±0.15	④	Update design	13.01.2012	Lucas				Drawing-No. ASS 2176 CO
X.XX	±0.10	③	Add Reel drawing	15.01.2010	Dean				
X.XXX	±0.05	②	Modify dimensions	15.01.2010	Dean				
Angle	±5°								Sheet 3/3
DIM	TOL	Id.	Modification	Date	Name				