

Amphenol

D Subminiature Interconnects

DSub SD/G17T Standard Density Straight PCB Mount

Most popular Part Numbers noted below. Both SD and G17T conform to Mil-C-24308. SD is supplied from Europe while G17T is supplied from ASIA.

Electrical

Current – 5A
Voltage – 250VAC/rms 60Hz

Mechanical

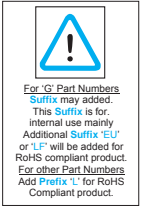
Durability – 75 Cycles

Materials

SD – Tin plated Steel
G17T – Tin/Lead over Nickel plated Carbon Steel
Insulator – 94V-0 thermoplastic
Contacts Pin – Brass
Contacts Sockets – Phosphor Bronze
Finish – Gold Flash
Board-locks – P/B
Screw-locks – Brass

Available Upon Request

- ▶ 50 Way Versions
- ▶ Various Contact Finishes
 - » 15µ" Au/30µ" Au
- ▶ Various Shell Finishes
 - » Zinc Chromate or Nickel
- ▶ Various Board Mounting Options
 - » 4 Claw Board Locks
- ▶ Various Flange Mounting Options
 - » Ø3.05mm Hole/M3 Screw Locks



Common Parts		SD	G17T	Dimensions (mm)				
Gender	Positions	Part Number:	Part Number:	A	B	C	D	E
Male	9 Way	717SDEH09POL2RM8	G17T0910122	30.84	24.99	16.92	16.24	11.09
	15 Way	717SDAH15POL2RM8	G17T1510122	39.24	33.32	24.70	24.56	19.39
	25 way	717SDBH25POL2RM8	G17T2510122	53.04	47.04	38.96	38.38	33.24
	37 Way	717SDCH37POL2RM8	G17T3710122	69.32	63.50	55.42	54.76	49.86
Female	9 Way	77SDEH09SOL2RM8	G17T0900122	30.84	24.99	16.92	16.24	11.09
	15 Way	77SDAH15SOL2RM8	G17T1500122	39.24	33.32	24.70	24.56	19.39
	25 way	77SDBH25SOL2RM8	G17T2500122	53.04	47.04	38.96	38.38	33.24
	37 Way	77SDCH37SOL2RM8	G17T3700122	69.32	63.50	55.42	54.76	49.86

Detailed Part Number System

Common Part Specifications

G17T XX XXXXX

DSUB PCB CONNECTOR
Vertical Through Hole

NUMBER OF POSITIONS
09: 9 Position
15: 15 Position
25: 25 Position
37: 37 Position
50: 50 Position

CONTACT STYLE
0: Receptacle
1: Plug

CONTACT FINISH
0: Gold Flash
1: 15µ" Gold
2: 30µ" Gold
3: Full gold flash

FRONT SHELL FINISH
0: Zinc chromate
1: Tin/Lead over Nickel
2: Nickel

FLANGE MOUNTING OPTION
0: Ø3.05mm clear hole
1: #4-40 threaded hole
2: #4-40 threaded screw-lock installed
3: #4-40 threaded hole with #4-40 threaded screw-lock bulk-packed
4: M3 threaded hole
5: M3 screw-lock installed
6: #4-40 threaded hole with M2.6 screw-lock bulk-packed
7: #4-40 threaded screw-lock clinch-mounted installed

BOARD MOUNT OPTION
0: None
1: #4-40 threaded hole
2: 2-finger board-lock
3: 4-finger board-lock

PNS17T Rev. C1, DSUB-G17T1500000-25 Rev. A, E6/B

DSub G17M Standard Density Straddle Mount PCB Type

Electrical

Current – 5A
Voltage – 250VAC/rms 60Hz

Mechanical

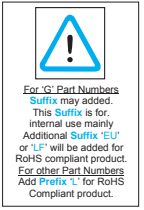
Durability – 75 Cycles

Materials

Housing – Tin/Lead over Nickel plated Carbon Steel
Insulator – 94V-0 thermoplastic
Contacts Pin – Brass
Contacts Sockets – Phosphor Bronze
Finish – Gold Flash
Screw-locks – Brass

Available Upon Request

- ▶ 50 Way Versions
- ▶ Various Contact Finishes
 - » 15µ" Au/30µ" Au
- ▶ Insulator Support
- ▶ Various Shell Finishes
 - » Zinc Chromate or Nickel
- ▶ Various Flange Mounting Options
 - » Ø3.05mm Hole/M3 Screw Locks



Common Parts		G17M	Dimensions					
Gender	Positions	Part Number:	A	B	C	D	E	F
Male	9 Way	G17M0910112	30.84	24.99	16.92	16.24	11.09	8.31
	15 Way	G17M1510112	39.24	33.32	24.70	24.56	19.39	16.62
	25 way	G17M2510112	53.04	47.04	38.96	38.38	33.24	30.47
	37 Way	G17M3710112	69.32	63.50	55.42	54.76	49.86	47.09
Female	9 Way	G17M0900112	30.84	24.99	16.92	16.24	11.09	8.31
	15 Way	G17M1500112	39.24	33.32	24.70	24.56	19.39	16.62
	25 way	G17M2500112	53.04	47.04	38.96	38.38	33.24	30.47
	37 Way	G17M3700112	69.32	63.50	55.42	54.76	49.86	47.09

Detailed Part Number System

Common Part Specifications

G17M XX XXXXX X

DSUB PCB CONNECTOR
Straddle Mount

NUMBER OF POSITIONS
09: 9 Position
15: 15 Position
25: 25 Position
37: 37 Position

CONTACT STYLE
0: Receptacle
1: Plug

CONTACT FINISH
0: Gold Flash
1: 15µ" Gold
2: 30µ" Gold
3: Full gold flash

FRONT SHELL FINISH
0: Zinc chromate
1: Tin/Lead over Nickel
2: Nickel

VARIATION CODE
0: Short footprint type

FLANGE MOUNTING OPTION
0: Ø3.05mm clear hole
1: #4-40 threaded hole
2: #4-40 threaded screw-lock installed
3: #4-40 threaded screw-lock bulk-packed
4: M3 threaded hole
5: M3 screw-lock installed
6: #4-40 threaded hole with M2.6 screw-lock bulk-packed
7: #4-40 threaded screw-lock clinch-mounted installed

BOARD MOUNT OPTION
0: None
1: Ø3.05mm clear hole
2: #4-40 threaded hole
3: M3 threaded hole
4: M3 screw-lock installed

PNS17M Rev. C

ASF-D/AMTA