

# Amphenol

## D Subminiature Interconnects

### DSub HD/G17SH Series High Density Solder-pot for Low Volume Terminations

Most popular Part Numbers noted below. Both HD and G17SH conform to Mil-C-24308. HD is supplied from Europe while G17S is supplied from ASIA.

#### Electrical

Current – 3A  
Voltage – 250VAC/rms 60Hz

#### Mechanical

Durability – 75 Cycles

#### Materials

HD – Tin plated Steel  
G17SH – Tin/Lead over Nickel plated Carbon Steel  
Insulator – 94V-0 thermoplastic  
Contacts Pin – Brass  
Contacts Sockets – Phosphor Bronze  
Finish – Gold Flash  
Board-locks – Phosphor Bronze  
Screw-locks – Brass

#### Available Upon Request

► 78 Way Versions  
► Various Contact Finishes: 15µAu, 30µAu  
► Various Shell Finishes: Zinc Chromate or Nickel  
► Various Screw Locks: #4-40, M3

#### Accessories

Hoods: – Page F-9

Series		HD	G17SH	Dimensions (mm)				
Gender	Positions	Part Number:	Part Number:	A	B	C	D	E
Male	15 Way	717HDE15P	G17SH1510110	30.84	24.99	16.92	16.24	19.28
	26 Way	717HDA26P	G17SH2610110	39.24	33.32	24.70	24.56	27.51
	44 way	717HDB44P	G17SH4410110	53.04	47.04	38.96	38.38	41.30
	62 Way	717HDC62P	G17SH6210110	69.32	63.50	55.42	54.76	57.71
Female	15 Way	77HDE15S	G17SH1500110	30.84	24.99	16.92	16.24	19.28
	26 Way	77HDA26S	G17SH2600110	39.24	33.32	24.70	24.56	27.51
	44 way	77HDB44S	G17SH4400110	53.04	47.04	38.96	38.38	41.30
	62 Way	77HDC62S	G17SH6200110	69.32	63.50	55.42	54.76	57.71

#### Detailed Part Number System

#### Common Part Specifications

**G17SH XX XXXXX**

HD DSub CONNECTOR  
Solder pot

**NUMBER OF POSITIONS**

15: 15 Position  
26: 26 Position  
44: 44 Position  
62: 62 Position

**CONTACT STYLE**

0: Receptacle  
1: Plug

**CONTACT FINISH**

0: Gold Flash  
1: 15µ" Gold  
2: 30µ" Gold

**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  
7: #4-40 threaded screw-lock clinch-mounted installed

**BACK SHELL FINISH**

0: Zinc chromate  
1: Tin/Lead over Nickel  
2: Nickel

**For 'G' Part Numbers Suffix may added. This Suffix is for internal use mainly. Additional Suffix 'EU' or 'LF' will be added for RoHS compliant product. For other Part Numbers Add Prefix 'L' for RoHS Compliant product.**

PNS17SH Rev.A, DSub-G17SH1500112-25 Rev.A, E5.B

### DSub HR/G17RH High Density Rear Release Crimp Contact for Volume Termination

Most popular Part Numbers noted below. Both HR and G17RH conform to Mil-C-24308. HR is supplied from Europe while G17RH is supplied from ASIA.

#### Electrical

Current – 3A  
Voltage – 250VAC/rms 60Hz

#### Accessories

– Hoods Page F-9

#### Materials

HR – Tin plated Steel  
G17RH – Tin/Lead over Nickel plated Carbon Steel  
Insulator – 94V-0 thermoplastic  
Contacts Pin – Brass  
Contacts Sockets – Phosphor Bronze  
Finish – Gold Flash  
Durability – 75 Cycles

#### Available Upon Request

► 78 Way Versions  
► Various Contact Finishes: 15µAu, 30µAu  
► Various Shell Finishes: Zinc Chromate or Nickel  
► Various Screw Locks: #4-40, M3

#### Tools (HR Series only)

Insertion/Removal Tool- 17D438SP  
Crimp Machine - 970MC  
Crimp Die 24-28AWG - 973MC

Housing Series		HR	G17RH	Dimensions (mm)				
Gender	Positions	Part Number:	Part Number:	A	B	C	D	E
Male	15 Way	777HRE15P	G17RH115100	30.84	24.99	16.92	16.24	19.28
	26 Way	777HRA26P	G17RH126100	39.24	33.32	24.70	24.56	27.51
	44 way	777HRB44P	G17RH144100	53.04	47.04	38.96	38.38	41.30
	62 Way	777HRC62P	G17RH162100	69.32	63.50	55.42	54.76	57.71
Female	15 Way	177HRE15S	G17RH015100	30.84	24.99	16.92	16.24	19.28
	26 Way	177HRA26S	G17RH026100	39.24	33.32	24.70	24.56	27.51
	44 way	177HRB44S	G17RH044100	53.04	47.04	38.96	38.38	41.30
	62 Way	177HRC62S	G17RH062100	69.32	63.50	55.42	54.76	57.71

#### Crimp Contacts

For HR Series 10K/Reel Left Hand Feed

For G17RH Series 10K/Reel Left Hand Feed

24-28 AWG

22-28 AWG

Pins for Male Hse. Part Number: 17HRD2M1110G  
Sockets for Female Hse. Part Number: 17HRD2F1110G

G17HRC1014  
G17HRC0014

#### Detailed Part Number System

#### Common Part Specifications

**G17RH XX XX 0X**

HD DSub Crimp type  
Cable Mount

**NUMBER OF POSITIONS**

15: 15 Position  
26: 26 Position  
44: 44 Position  
62: 62 Position  
78: 78 Position

**CONTACT STYLE**

0: Receptacle  
1: Plug

**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  
7: #4-40 threaded screw-lock clinch-mounted installed

**For 'G' Part Numbers Suffix may added. This Suffix is for internal use mainly. Additional Suffix 'EU' or 'LF' will be added for RoHS compliant product. For other Part Numbers Add Prefix 'L' for RoHS Compliant product.**

PNS-17RH Rev.A, DSub-G17RH11ST-25 Rev.B, E11/A

ASF-D/AMTA