

RoHS Compliant This product is RoHS compliant.

## 146-E SERIES POWER CONNECTOR KITS

Amphenol's most popular power connectors in the 146-E series are now kitted and available in two types: bulk head housing or hood kits. Each kit is complete and when combined with a mating half and properly clamped, provide an IP65 rating. No special tools are required with the easy screw termination and all include wire protection.

For quantities of 5 and up, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	No. of Positions	Latch Style	Kit Type	Cable Entry	Cable Diameter	Hood Profile	Spring Cover	Kit Components (BOM)			Price Each
									Hood or Housing	Insert w/ Contacts	Gland Bushing	
<b>Mating Hood Kits With Male Inserts</b>												
523-C14610E0069431	C146 10E006 943 1	6 + G	Single	Cable	Side	0.315"-0.630"	Low	-	C14610G0065011	C14610A0061021	VN161600014	25.81
523-C14610E0069458	C146 10E006 945 8	6 + G	Single	Cable	Side	0.433"-0.866"	High	-	C14610G0065068	C14610A0061021	VN162100014	27.21
523-C14610E0069441	C146 10E006 944 1	6 + G	Single	Cable	Top	0.315"-0.630"	Low	-	C14610G0066011	C14610A0061021	VN161600014	25.64
523-C14610E0069468	C146 10E006 946 8	6 + G	Single	Cable	Top	0.433"-0.866"	High	-	C14610G0066068	C14610A0061021	VN162100014	26.76
523-C14610E0109431	C146 10E010 943 1	10 + G	Single	Cable	Side	0.315"-0.630"	Low	-	C14610G0105061	C14610A0101021	VN161600014	30.69
523-C14610E0109461	C146 10E010 946 1	10 + G	Single	Cable	Side	0.433"-0.866"	Low	-	C14610G0105071	C14610A0101021	VN162100014	30.50
523-C14610E0109441	C146 10E010 944 1	10 + G	Single	Cable	Top	0.315"-0.630"	Low	-	C14610G0106061	C14610A0101021	VN161600014	30.38
523-C14610E0109451	C146 10E010 945 1	10 + G	Single	Cable	Top	0.433"-0.866"	Low	-	C14610G0106071	C14610A0101021	VN162100014	31.78
523-C14610E0169431	C146 10E016 943 1	16 + G	Single	Cable	Side	0.433"-0.866"	Low	-	C14610G0165061	C14610A0161021	VN162100014	35.55
523-C14610E0169441	C146 10E016 944 1	16 + G	Single	Cable	Top	0.433"-0.866"	Low	-	C14610G0166061	C14610A0161021	VN162100014	35.40
523-C14610E0249491	C146 10E024 949 1	24 + G	Single	Cable	Side	0.433"-0.866"	Low	-	C14610G0245061	C14610A0241021	VN162100014	42.69
523-C14610E0249478	C146 10E024 947 8	24 + G	Single	Cable	Side	0.433"-0.866"	High	-	C14610G0245068	C14610A0241021	VN162100014	42.34
523-C14610E0249551	C146 10E024 955 1	24 + G	Single	Cable	Side	0.748"-1.220"	Low	-	C14610G0245071	C14610A0241021	VN162900014	47.31
523-C14610E0249568	C146 10E024 956 8	24 + G	Single	Cable	Side	0.748"-1.220"	High	-	C14610G0245078	C14610A0241021	VN162900014	50.71
523-C14610E0249501	C146 10E024 950 1	24 + G	Single	Cable	Top	0.433"-0.866"	Low	-	C14610G0246061	C14610A0241021	VN162100014	42.84
523-C14610E0249488	C146 10E024 948 8	24 + G	Single	Cable	Top	0.433"-0.866"	High	-	C14610G0246068	C14610A0241021	VN162100014	42.34
523-C14610E0249581	C146 10E024 958 1	24 + G	Single	Cable	Top	0.748"-1.220"	Low	-	C14610G0246071	C14610A0241021	VN162900014	47.53
523-C14610E0249578	C146 10E024 957 8	24 + G	Single	Cable	Top	0.748"-1.220"	High	-	C14610G0246078	C14610A0241021	VN162900014	50.79
523-C14610E0249451	C146 10E024 945 1	24 + G	Double	Cable	Side	0.433"-0.866"	Low	-	C14610G0245001	C14610A0241021	VN162100014	41.10
523-C14610E0249438	C146 10E024 943 8	24 + G	Double	Cable	Side	0.433"-0.866"	High	-	C14610G0245008	C14610A0241021	VN162100014	40.48
523-C14610E0249531	C146 10E024 953 1	24 + G	Double	Cable	Side	0.748"-1.220"	Low	-	C14610G0245011	C14610A0241021	VN162900014	46.71
523-C14610E0249518	C146 10E024 951 8	24 + G	Double	Cable	Side	0.748"-1.220"	High	-	C14610G0245018	C14610A0241021	VN162900014	47.14
523-C14610E0249461	C146 10E024 946 1	24 + G	Double	Cable	Top	0.433"-0.866"	Low	-	C14610G0246001	C14610A0241021	VN162100014	42.16
523-C14610E0249448	C146 10E024 944 8	24 + G	Double	Cable	Top	0.433"-0.866"	High	-	C14610G0246068	C14610A0241021	VN162100014	40.02
523-C14610E0249541	C146 10E024 954 1	24 + G	Double	Cable	Top	0.748"-1.220"	Low	-	C14610G0246011	C14610A0241021	VN162900014	45.33
523-C14610E0249528	C146 10E024 952 8	24 + G	Double	Cable	Top	0.748"-1.220"	High	-	C14610G0246018	C14610A0241021	VN162900014	47.14
<b>Bulkhead Housing Kits With Female Inserts</b>												
523-C14610E0069401	C146 10E006 940 1	6 + G	Single	Panel	-	-	-	No	C14610F0060001	C14610B0061021	-	23.33
523-C14610E0069421	C146 10E006 942 1	6 + G	Single	Panel	-	-	-	Yes	C14610F0060031	C14610B0061021	-	29.29
523-C14610E0109411	C146 10E010 941 1	10 + G	Single	Panel	-	-	-	No	C14610F0100011	C14610B0101021	-	31.85
523-C14610E0109421	C146 10E010 942 1	10 + G	Single	Panel	-	-	-	Yes	C14610F0100031	C14610B0101021	-	34.29
523-C14610E0169411	C146 10E016 941 1	16 + G	Single	Panel	-	-	-	No	C14610F0160011	C14610B0161021	-	33.28
523-C14610E0169421	C146 10E016 942 1	16 + G	Single	Panel	-	-	-	Yes	C14610F0160031	C14610B0161021	-	39.29
523-C14610E0249421	C146 10E024 942 1	24 + G	Single	Panel	-	-	-	Yes	C14610F0240031	C14610B0241021	-	48.93
523-C14610E0249401	C146 10E024 940 1	24 + G	Double	Panel	-	-	-	No	C14610F0240011	C14610B0241021	-	40.29

## 146-D SERIES POWER CONNECTORS

IP65 rated when properly mated and clamped.



### Hoods

MOUSER STOCK NO.	Amphenol Part No.	Fig.	No. of Pos.	Cable Opening	Price Each
<b>Top Entry Hoods Without PG Gland Bushing</b>					
523-C14610G0032004	C146 10G003 200 4	A	7	PG11	4.46
523-C14610G0106004	C146 10G010 600 4	B	15	PG13.5	15.28
523-C14610G01660061	C146 10G016 606 1	B	40	PG21	19.54
523-C14610G0246061	C146 10G024 606 1	B	64	PG21	21.75
523-C14610G0166004	C146 10G016 600 4	B	25	PG16	18.89
523-C14610G0166001	C146 10G016 600 1	C	40	PG21	17.39
523-C14610G0246001	C146 10G024 600 1	C	64	PG21	20.92
<b>Side Entry Hoods Without PG Gland Bushing</b>					
523-C14610G0035004	C146 10G003 500 4	D	7	PG11	3.87
523-C14610G0105004	C146 10G010 500 4	E	15	PG13.5	16.30
523-C14610G0165061	C146 10G016 506 1	E	40	PG21	19.54
523-C14610G0165004	C146 10G016 500 4	E	64	PG21	18.48
523-C14610G0245061	C146 10G024 506 1	E	25	PG16	21.56

### Bulk Head Housings - Accepts Male or Female Inserts

MOUSER STOCK NO.	Amphenol Part No.	Fig.	No. of Pos.	Price Each
523-C14610F0030004	C146 10F003 000 4	F	7	4.24
523-C14610F0150002	C146 10F015 000 2	G	15	13.86
523-C14610F0160011	C146 10F016 001 1	G	40	20.04
523-C14610F0250002	C146 10F025 000 2	G	25	15.51
523-C14610F0240011	C146 10F024 001 1	G	64	20.04
523-C14610F0160031	C146 10F016 003 1	H	40	26.90
523-C14610F0240021	C146 10F024 002 1	I	64	20.98

### Inserts

Male Inserts for Stamped Pin Contacts				
MOUSER STOCK NO.	Amphenol Part No.	Fig.	No. of Pos.	Price Each
523-C14610A0070002	C146 10A007 000 2	-	7 + G	5.44
523-C14610A0150002	C146 10A015 000 2	-	15 + G	8.85
523-C14610A0250002	C146 10A025 000 2	-	25 + G	8.93
523-C14610A0400002	C146 10A040 000 2	-	40 + G	10.47
523-C14610A0640002	C146 10A064 000 2	-	64 + G	13.51
Female Inserts for Stamped Socket Contacts				
MOUSER STOCK NO.	Amphenol Part No.	Fig.	No. of Pos.	Price Each
523-C14610B0070002	C146 10B007 000 2	-	7 + G	7.95
523-C14610B0150002	C146 10B015 000 2	-	15 + G	11.56
523-C14610B0250002	C146 10B025 000 2	-	25 + G	11.11
523-C14610B0400002	C146 10B040 000 2	-	40 + G	11.47
523-C14610B0640002	C146 10B064 000 2	-	64 + G	16.69

### Stamped Contacts

\* High Current

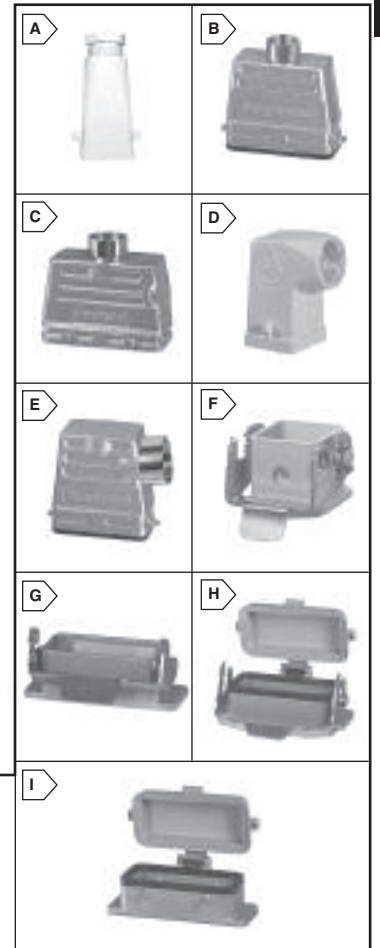
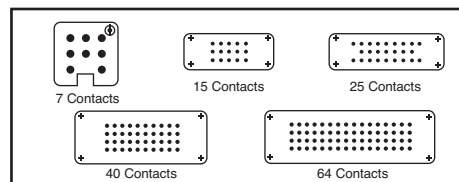
MOUSER STOCK NO.	Amphenol Part No.	Wire Gauge	Price Each
<b>Pin Contacts</b>			
523-VN0101600031	VN01 016 0003 1	26-20 AWG	.40
523-VN0101600021	VN01 016 0002 1	20-16 AWG	.40
523-VN0101600051	VN01 016 0005 1	16-14 AWG	.48
*523-VN0101600151	VN01 016 0015 1	20-16 AWG	.39
*523-VN0101600161	VN01 016 0016 1	16-14 AWG	.36
<b>Socket Contacts</b>			
523-VN0201600031	VN02 016 0003 1	26-20 AWG	.40
523-VN0201600021	VN02 016 0002 1	20-16 AWG	.46
523-VN0201600051	VN02 016 0005 1	16-14 AWG	.52
*523-VN0201600151	VN02 016 0015 1	20-16 AWG	.38
*523-VN0201600161	VN02 016 0016 1	16-14 AWG	.43

### PG Gland Bushings

MOUSER STOCK NO.	Amphenol Part No.	PG Size	Price Each
523-VN161100014X	VN16 110 0014 X	11.0	2.08
523-VN161350014X	VN16 135 0014 X	13.5	2.99
523-VN161600014X	VN16 160 0014 X	16.0	3.13
523-VN162100014X	VN16 210 0014 X	21.0	3.99

### Tooling

MOUSER STOCK NO.	Amphenol Part No.	Description	Price Each
523-TA0000	TA 0000	Hand Crimp	177.83
523-TA000-163	TA 0000 163	Die 20/16	206.03
523-TA0000141	TA 0000 141	Die 16/14	203.11
523-TA00021460001	TA 0002 146 0001	Locator 20/16	33.39
523-TA00071460003	TA 0007 146 0003	Locator 16/14	40.49
523-FG03001461	FG 0300 146 1	Removal tool	64.60



Rectangular Power Amphenol