

CROSS REFERENCE

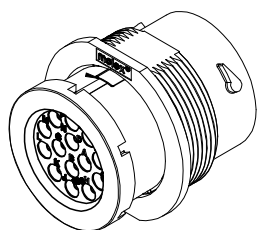


XRC™ Extra Rugged Circular Sealed Plugs and Receptacles 18 shell, 14 circuits

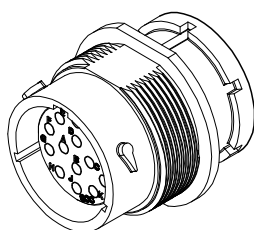
84508, 84502 Receptacles
84501, 84507 Plugs

Receptacle Housings

Molex Order No.	Deutsch Order No.		Shell Size	Circuits	Terminal Insert Configuration		Seal Retainer		Direct Cross
	Normal Seal (Green)	Extra Thin Seal (Blue)			Pin Insert	Socket Insert	With Collar	Without Collar	
84508-0001	HDP24-18-14SN-L017	HDP24-18-14SE-L017	18	14		X	X		Yes
84502-0008	HDP24-18-14PN-L017	HDP24-18-14PE-L017			X				
84508-0001	HDP24-18-14SN	HDP24-18-14SE				X			Yes*
84502-0008	HDP24-18-14PN	HDP24-18-14PE			X				



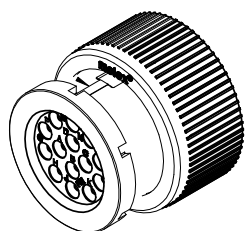
Terminal Insertion View
(shown with collar)



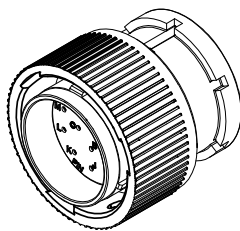
Mating View
(shown with collar)

Plug Housings

Molex Order No.	Deutsch Order No.		Shell Size	Circuits	Terminal Insert Configuration		Seal Retainer		Direct Cross
	Normal Seal (Green)	Extra Thin Seal (Blue)			Pin Insert	Socket Insert	With Collar	Without Collar	
84501-0001	HDP26-18-14PN-L017	HDP26-18-14PE-L017	18	14	X		X		Yes
84507-0012	HDP26-18-14SN-L017	HDP26-18-14SE-L017				X			
84501-0001	HDP26-18-14PN	HDP26-18-14PE			X				Yes*
84507-0012	HDP26-18-14SN	HDP26-18-14SE				X			



Terminal Insertion View
(shown with collar)



Mating View
(shown with collar)

*Molex XRC features a seal retainer with a collar where Deutsch parts do not have a collar.
See Sales Drawing on molex.com for specific details.

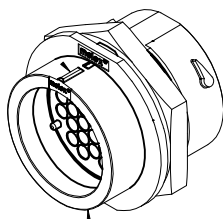


XRC™ Extra Rugged Circular Sealed Plugs and Receptacles 24 shell, 31 circuits

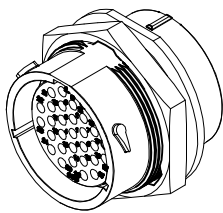
84506, 84511 Receptacles
84505, 84510 Plugs

Receptacle Housings

O	Deutsch Order No.		Shell Size	Circuits	Terminal Insert Configuration		Seal Retainer		Direct Cross
	Extra Thin Seal (Blue)	Thin Seal (Grey)			Pin Insert	Socket Insert	With Collar	Without Collar	
84506-0001	HDP24-24-31SE	HDP24-24-31ST	24	31		X		X	Yes
84511-0004	HDP24-24-31PE	HDP24-24-31PT			X				
84506-0003	HDP24-24-31SE-L017	HDP24-24-31ST-L017				X	X		Yes*
84511-0005	HDP24-24-31PE-L017	HDP24-24-31PT-L017			X				



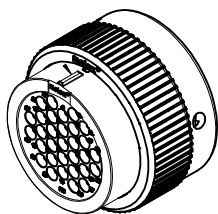
Terminal Insertion View
(shown without collar, with optional panel mount hex nut)



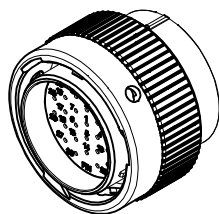
Mating View
(shown without collar, with optional panel mount hex nut)

Plug Housings

Molex Order No	Deutsch Order No.		Shell Size	Circuits	Terminal Insert Configuration		Seal Retainer		Direct Cross
	Extra Thin Seal (Blue)	Thin Seal (Grey)			Pin Insert	Socket Insert	With Collar	Without Collar	
84505-0001	HDP26-24-31PE	HDP26-24-31PT	24	31	X			X	Yes
84510-0004	HDP26-24-31SE	HDP26-24-31ST				X			
84505-0003	HDP26-24-31PE-L017	HDP26-24-31PT-L017			X		X		Yes*
84510-0005	HDP26-24-31SE-L017	HDP26-24-31ST-L017				X			



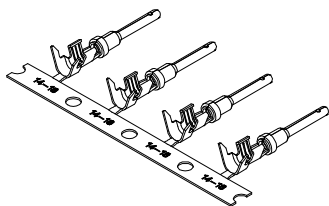
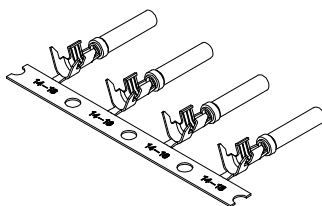
Terminal Insertion View
(shown without collar)



Mating View
(shown without collar)


84590 Terminals
Terminals

Size	Molex Order No.	Deutsch Order No.	Description	Contact Plating	Insulation Outside Diameter Callout
16	84590-0024	1062-14-0122	Size 16 socket (14 to 18 AWG)	Nickel	2.41 to 3.81mm (.095 to .150")
	84590-0021	1060-14-0122	Size 16 pin (14 to 18 AWG)		
	84590-0023	1062-16-0122	Size 16 socket (14 to 18 AWG)		1.91 to 3.81mm (.075 to .150")
	84590-0022	1060-16-0122	Size 16 pin (14 to 18 AWG)		
	84590-0025	1062-16-0622	Size 16 socket (16 to 18 AWG)		1.40 to 2.16mm (.055 to .085")
	84590-0020	1060-16-0622	Size 16 pin (16 to 18 AWG)		


Pin Terminals

Socket Terminals