

M83723 Series III Definition and Service Classes

Pin	Socket	RMS Part #	Shell Style	Available Class
	M83723/71	R0735	Square Flange Receptacle, Bayonet Coupling, Environment Resisting, Aluminum	A,G,K,N,R,S,W
M83723/72		R0735	Square Flange Receptacle, Bayonet Coupling, Environment Resisting, Aluminum	A,G,K,N,R,S,W
	M83723/73	R0741	Jam Nut Receptacle, Bayonet Coupling, Environment Resisting, Aluminum	A,G,K,N,R,S,W
M83723/74		R0741	Jam Nut Receptacle, Bayonet Coupling, Environment Resisting, Aluminum	A,G,K,N,R,S,W
	M83723/75	R0734	Straight Plug, Bayonet Coupling, Environment Resisting,, Aluminum	A,G,K,N,R,S,W
M83723/76		R0734	Straight Plug, Bayonet Coupling, Environment Resisting,, Aluminum	A,G,K,N,R,S,W
	M83723/77	R0734	Straight Plug, Bayonet Coupling, Environment Resisting, Aluminum	A,G,K,N,R,S,W
M83723/78		R0734	Straight Plug, Bayonet Coupling, Environment Resisting, Aluminum	A,G,K,N,R,S,W
	M83723/82	R0737	Square Flange Receptacle, Threaded Coupling, Environment Resisting, Aluminum	A,G,K,N,R,S,W
M83723/83		R0737	Square Flange Receptacle, Threaded Coupling, Environment Resisting, Aluminum	A,G,K,N,R,S,W
	M83723/84	R0742	Jam Nut Receptacle, Threaded Coupling, Environment Resisting, Aluminum	A,G,K,N,R,S,W
M83723/85		R0742	Jam Nut Receptacle, Threaded Coupling, Environment Resisting, Aluminum	A,G,K,N,R,S,W
	M83723/86	R0736	Straight Plug, Threaded Coupling, Environment Resisting, Aluminum	A, G, K, R, W
M83723/87		R0736	Straight Plug, Threaded Coupling, Environment Resisting, Aluminum	A, G, K, R, W
	M83723/91	R0736	Straight Plug, Threaded Coupling, EMI Grounding, Environment Resisting, Aluminum	G, K, R, W
M83723/92		R0736	Straight Plug, Threaded Coupling, EMI Grounding, Environment Resisting, Aluminum	G, K, R, W
	M83723/95	R0736	Straight Plug, Threaded Coupling, Self Locking Coupling Nut, Environment Resisting, Aluminum	A, G, K, R, W
M83723/96		R0736	Straight Plug, Threaded Coupling, Self Locking Coupling Nut, Environment Resisting, Aluminum	A, G, K, R, W
	M83723/97	R0736	Straight Plug, Threaded Coupling, Self Locking Coupling Nut, EMI Grounding, Environment Resisting, Aluminum	N,S
M83723/98		R0736	Straight Plug, Threaded Coupling, Self Locking Coupling Nut, EMI Grounding, Environment Resisting, Aluminum	N,S

Class of Service Definition

Class	Coupling Type		Description	Material	Temperature
	Bayonet-Threaded				
A	Both		Aluminum Shell, Anodize, Non Conductive Finish, Fluid Resistant Insert	Aluminum	200° C
F	N/A		Cancelled, Superseded by Class R	N/A	N/A
G	Both		Stainless Steel Shell, Passivated, Fluid Resistant Insert	Stainless Steel	200° C
H	Both		Hermetic, Steel Shell, Tin Finish, Fluid Resistant, Interfacial Sealing Gasket, Solder Cup Contacts, and feed thru (Straight Pin) Contacts	Steel	150° C
J	Both		Hermetic, Steel Shell, Tin Finish, Fluid Resistant, Interfacial Sealing Gasket, Eyelet Contacts	Steel	150° C
K	Threaded Only		Stainless Steel Shell, Passivated, Fluid Resistant Insert	Stainless Steel	200° C
L	Threaded Only		Hermetic Receptacles, Electrodeposited Nickel Finish, Fluid Resistant Insert, Eyelet Contacts	Steel	200° C
M	Both		Aluminum Shell, Electrodeposited Aluminum, Conductive Finish, Nonreflective, 500 Hours Salt Spray, Fluid Resistant Insert	Aluminum	175° C
N	Threaded Only		Hermetic Plugs, Electrodeposited Nickel Finish, Fluid Resistant Insert, Fluid Resistant Insert, RFI Grounding, Firewall, Self Locking	Steel	175° C
N	Threaded Only		Hermetic Receptacles, Electrodeposited Nickel Finish, Fluid Resistant Insert, Solder Cup Contacts	Steel	175° C
P	Both		Hermetic Stainless Steel Shell, Passivated, Fluid Resistant Interfacial Sealing Gasket, Eyelet Contacts	Stainless Steel	200° C
R	Both		Aluminum Shell, Electroless Nickel, Conductive Finish, Fluid Resistant Insert	Aluminum	200° C
S	Threaded Only		Stainless Steel Shell, Passivated, Fluid Resistant Insert, RFI Grounding, Self Locking (Plug)	Stainless Steel	200° C
T	Both		Aluminum Shell, Nickel Fluorocarbon Polymer, Conductive Finish, Non Reflective, 500 Hours Salt Spray, Fluid Resistant Insert	Aluminum	175° C
W	Both		Aluminum Shell, Cadmium, Conductive Finish, 500 Hours Salt Spray, Fluid Resistant Insert	Aluminum	175° C
Y	Both		Hermetic, Stainless Steel Shell, Passivated, Fluid Resistant Interfacial Sealing Gasket, Solder Cup Contacts and Feed thru Straight Pin Contacts	Stainless Steel	200° C
Z	Both		Aluminum Shell, Zinc Nickel Alloy, Conductive Finish, Non Reflective, 500 Hours Salt Spray, Fluid Resistant Insert	Aluminum	175° C



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