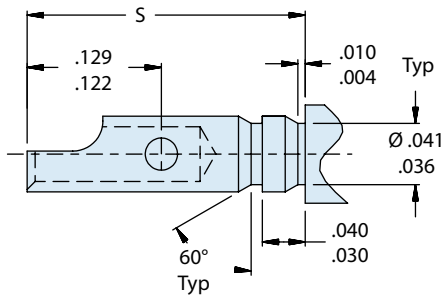
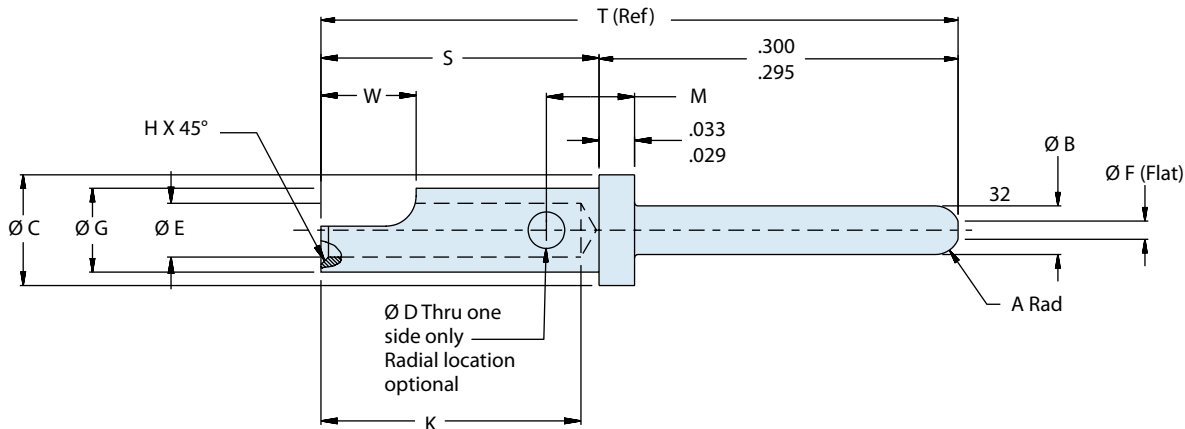




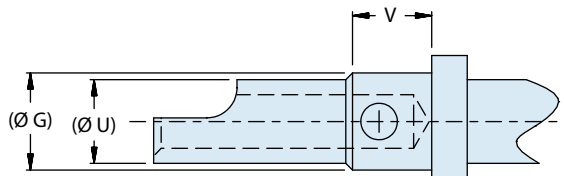
**Pin Contact with Solder Cup for D38999 Series I, III and IV Connectors**



Mating End Size	Glenair Part Number
22	850-016-22
20	850-016-20
16	850-016-16
12	850-016-12
10	850-016-10



**-22 ONLY**



**-10 ONLY**

**Material and Finish**

Contact Body: Copper alloy, plated with 50 microinches gold per ASTM B488 Type II code C over 50-100 microinches nickel IAW SAE AMS-QQ-N-290, class II

**850-016**  
**M39029/58 Type**  
**Pin Contact With Solder Cup**



Special  
Purpose

**TABLE I: CONNECTOR DIMENSIONS**

Size	Part Number	A Rad	Ø B	Ø C	Ø D	Ø E	Ø F	Ø G	H
22	850-016-22	.020 .010	.0305 .0295	.062 .060	.022 .018	.036 .034	.011 max	.048 .046	.005 .003
20	850-016-20	.025 .020	.041 .039	.094 .091	.032 .026	.048 .042	.015 max	.070 .068	.010 .005
16	850-016-16	.025 .020	.0635 .0616	.130 .127	.042 .036	.080 .070	.030 .011	.103 .101	.010 .005
12	850-016-12	.025 .020	.095 .093	.182 .179	.042 .036	.120 .112	.062 .043	.151 .148	.016 .005
10	850-016-10	.025 .020	.126 .124	.242 .238	.052 .046	.146 .138	.094 .074	.213 .207	.016 .005

**TABLE I: (Continued) CONNECTOR DIMENSIONS**

Size	Part Number	K	M	S	T (Ref)	Ø U	V	W
22	850-016-22	.160 .130	—	.237 .231	.531	—	—	.080 .050
20	850-016-20	.230 .200	.078 .072	.237 .231	.531	—	—	.105 .075
16	850-016-16	.230 .200	.088 .082	.237 .231	.531	—	—	.105 .075
12	850-016-12	.230 .200	.088 .082	.237 .231	.531	—	—	.115 .085
10	850-016-10	.385 .355	.115 .108	.405 .395	.698	.183 .177	.121 .111	.140 .110

D