SERIES 28
HiPer-D® Accessories
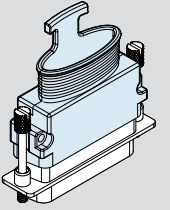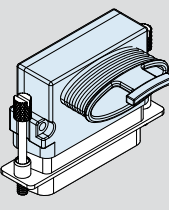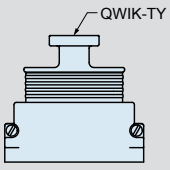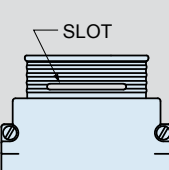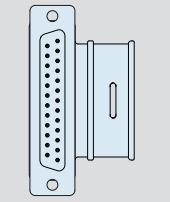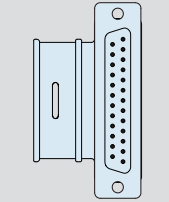## Low-Profile EMI Backshell, two-piece, elliptical entry, non-environmental
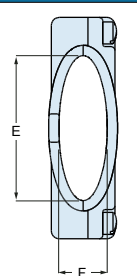## 289T005 top entry, 289S005 side entry

Glenair®

289T005
289S005

Lightweight, low profile space-saving two piece backshell fits securely into groove in HiPer-D® connectors. Fits standard HiPer-D® pin and socket connectors (280-018P, 280-019S) and Combo HiPer-D® connectors (280-046P and 280-047S). Terminate cable shield with optional Band-Master™ATS clamping band. Elliptical cable entry provides room for large wire bundles. Machined aluminum alloy or stainless steel backshell consists of two interlocking housings and two 300 series stainless steel screws. Overlapping seam improves EMI shielding performance. Compatible with Glenair Series 77 lipped heat-shrink boots. Non-environmental.

Entry Style

Fig. 1
Top Entry 289T005

Fig. 2
Side Entry 289S005

Qwik Ty™ Option

QWIK-TY

Fig. 3
Qwik Ty™

Slot Option

SLOT

Fig. 4
Slots

Cable Entry Direction

Fig. 5
Long Side Entry (1)

Fig. 6
Short Side Entry (2)

Ordering Information							
Sample Part Number	**289T005**	**MT**	**3**	**B**	**- N**	**N**	**K**

Basic Part Number	**289T005** = Top Entry (*Fig. 1*) **289S005** = Side Entry (*Fig. 2*)
Finish	**ME** = Electroless Nickel (RoHS) **MT** = Nickel-PTFE (RoHS) **JF** = Cadmium with Yellow Chromate **Z2** = Gold (RoHS) **Z1** = Passivated Stainless Steel (RoHS)
Shell Size	**1** = Shell Size 1 **2** = Shell Size 2 **3** = Shell Size 3 **4** = Shell Size 4 **5** = Shell Size 5 **6** = Shell Size 6
Entry Size	**A, B, C or D** See Cable Entry Size Table Below
Qwik Ty™ Option	**N** = Supplied without Qwik Ty™ **T** = With Qwik Ty™ Strain Relief (*Fig. 3*)
Slot Option	**N** = Supplied without Slots **S** = With Slots for Terminating Individual Shields (*Fig. 4*)
EMI/RFI Band	**N** = Supplied without Band **K** = Supplied with Pre-Coiled Band (600-052-1)
Cable Entry Direction	***Omit for 289T005. Applies only to 289S005.*** **1** = Cable Exit on Long Side of Shell Keystone (*Fig. 5*) **2** = Cable Exit on Short Side of Shell Keystone (*Fig. 6*)

F

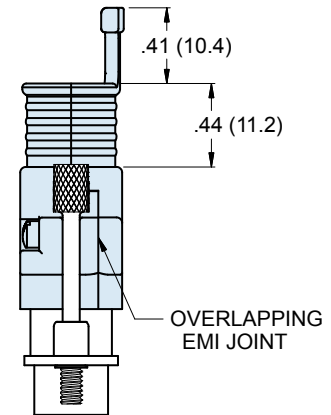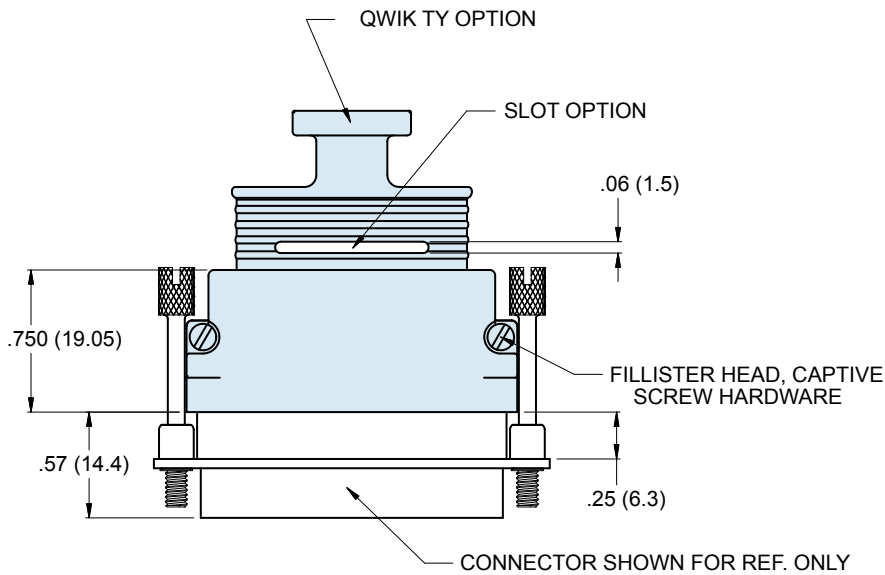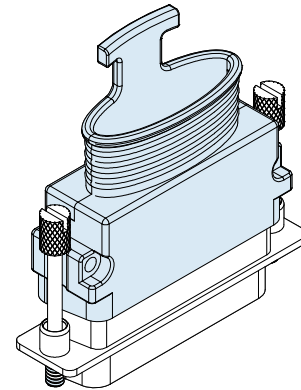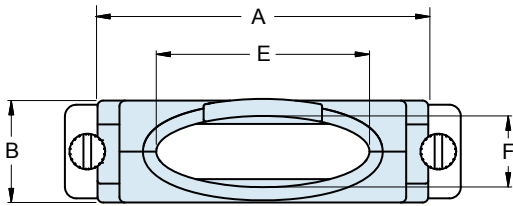| Cable Entry Size									
Shell Size	**SIZE A**		**SIZE B**		**SIZE C**		**SIZE D**		
	E	**F**	**E**	**F**	**E**	**F**	**E**	**F**	
	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm
1	.143	3.63	.143	3.63	.195	4.95	.195	4.95	.242	6.15	.242	6.15	.438	11.13	.375	9.53
2	.188	4.78	.188	4.78	.256	6.50	.256	6.50	.480	12.19	.375	9.53	.688	17.48	.375	9.53
3	.245	6.22	.245	6.22	.550	13.97	.375	9.53	.780	19.81	.375	9.53	1.125	28.58	.375	9.53
4	.291	7.39	.291	7.39	.800	20.32	.375	9.53	1.260	32.00	.375	9.53	1.813	46.05	.375	9.53
5	.326	8.28	.326	8.28	.770	19.56	.485	12.32	1.250	31.75	.485	12.32	1.750	44.45	.485	12.32
6	.376	9.55	.376	9.55	.863	21.92	.550	13.97	1.323	33.60	.550	13.97	1.875	47.63	.550	13.97

SERIES 28
HiPer-D® Accessories
Low-Profile EMI Backshell, two-piece, elliptical entry, non-environmental 289T005 top entry
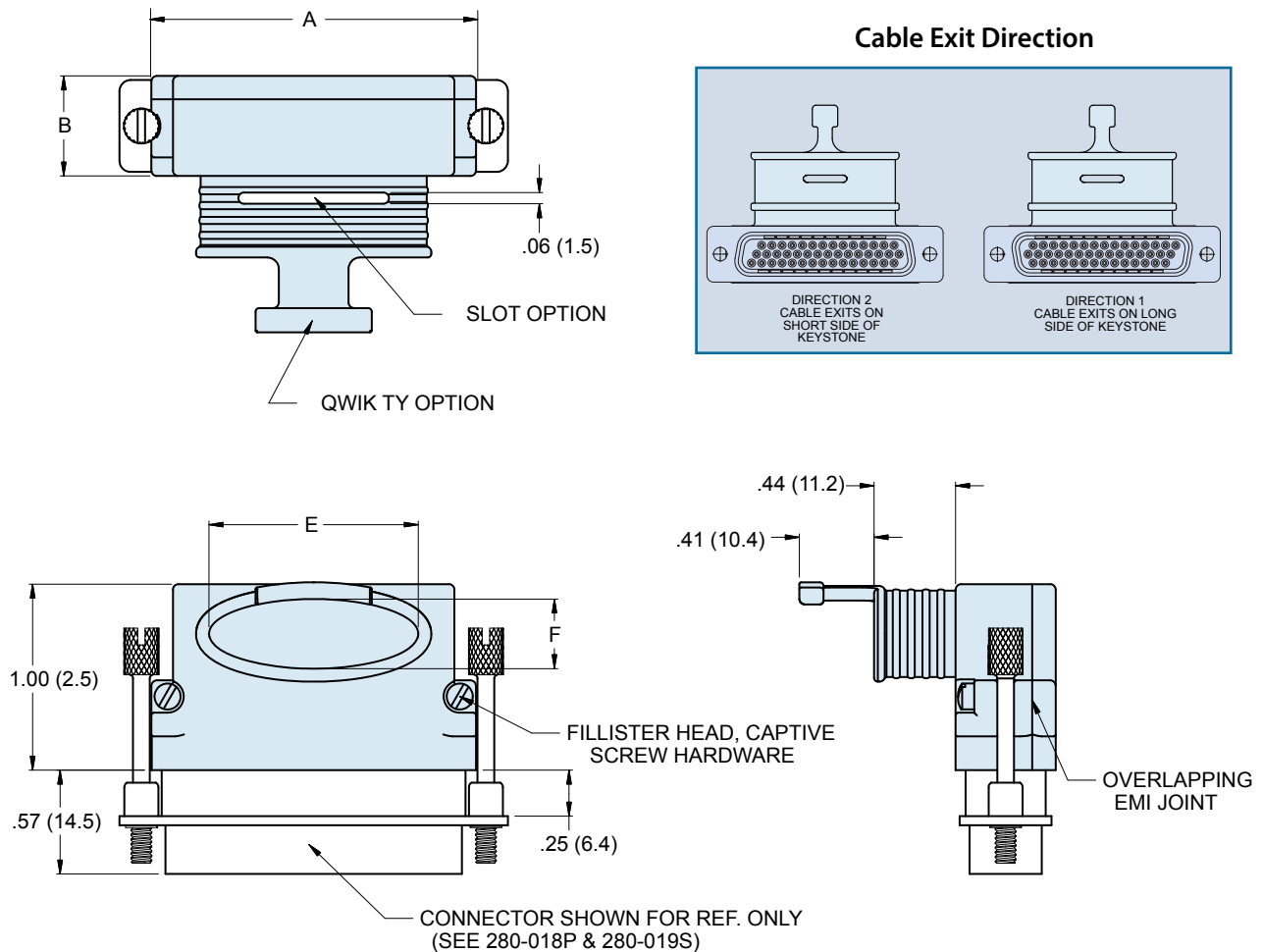
Glenair®

289T005 DIMENSIONS

QWIK TY OPTION

SLOT OPTION

.06 (1.5)

.750 (19.05)

.57 (14.4)

FILLISTER HEAD, CAPTIVE SCREW HARDWARE

.25 (6.3)

CONNECTOR SHOWN FOR REF. ONLY

.41 (10.4)

.44 (11.2)

OVERLAPPING EMI JOINT

F

Dimensions																		
					Entry Size A				Entry Size B				Entry Size C				Entry Size D	
Shell Size	A Max		B Max		E		F		E		F		E		F		E		F
	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm
1	.894	22.71	.550	13.97	.143	3.63	.143	3.63	.195	4.95	.195	4.95	.242	6.15	.242	6.15	.438	11.13	.375	9.53
2	1.218	30.94	.550	13.97	.188	4.78	.188	4.78	.256	6.50	.256	6.50	.480	12.19	.375	9.53	.688	17.48	.375	9.53
3	1.760	44.70	.550	13.97	.245	6.22	.245	6.22	.550	13.97	.375	9.53	.780	19.81	.375	9.53	1.125	28.58	.375	9.53
4	2.408	61.16	.550	13.97	.291	7.39	.291	7.39	.800	20.32	.375	9.53	1.260	32.00	.375	9.53	1.813	46.05	.375	9.53
5	2.297	58.34	.654	16.61	.326	8.28	.326	8.28	.770	19.56	.485	12.32	1.250	31.75	.485	12.32	1.750	44.45	.485	12.32
6	2.422	61.52	.716	18.19	.376	9.55	.376	9.55	.863	21.92	.550	13.97	1.323	33.60	.550	13.97	1.875	47.63	.550	13.97

SERIES 28
HiPer-D® Accessories
Low-Profile EMI Backshell, two-piece, elliptical entry, non-environmental
289S005 side entry

Glenair®

289S005 DIMENSIONS

SLOT OPTION

QWIK TY OPTION

A

B

.06 (1.5)

Cable Exit Direction

DIRECTION 2
CABLE EXITS ON
SHORT SIDE OF
KEYSTONE

DIRECTION 1
CABLE EXITS ON LONG
SIDE OF KEYSTONE

E

F

1.00 (2.5)

.57 (14.5)

.25 (6.4)

FILLISTER HEAD, CAPTIVE
SCREW HARDWARE

CONNECTOR SHOWN FOR REF. ONLY
(SEE 280-018P & 280-019S)

.44 (11.2)

.41 (10.4)

OVERLAPPING
EMI JOINT

Dimensions																		
					Entry Size A				Entry Size B				Entry Size C				Entry Size D	
Shell Size	A Max		B Max		E		F		E		F		E		F		E		F
	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm
1	.894	22.71	.550	13.97	.143	3.63	.143	3.63	.195	4.95	.195	4.95	.242	6.15	.242	6.15	.438	11.13	.375	9.53
2	1.218	30.94	.550	13.97	.188	4.78	.188	4.78	.256	6.50	.256	6.50	.480	12.19	.375	9.53	.688	17.48	.375	9.53
3	1.760	44.70	.550	13.97	.245	6.22	.245	6.22	.550	13.97	.375	9.53	.780	19.81	.375	9.53	1.125	28.58	.375	9.53
4	2.408	61.16	.550	13.97	.291	7.39	.291	7.39	.800	20.32	.375	9.53	1.260	32.00	.375	9.53	1.813	46.05	.375	9.53
5	2.297	58.34	.654	16.61	.326	8.28	.326	8.28	.770	19.56	.485	12.32	1.250	31.75	.485	12.32	1.750	44.45	.485	12.32
6	2.422	61.52	.716	18.19	.376	9.55	.376	9.55	.863	21.92	.550	13.97	1.323	33.60	.550	13.97	1.875	47.63	.550	13.97

F

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