

# MS17347 Connector Type Datasheet

QS Series • MIL-DTL-22992 QWLD Type Connectors



## QS07 Cross-Reference & Compatibility

Compatible Brands	Equivalents	Mates
MIL-DTL-22992 QWLD	MS17347	MS17344
Amphenol	10-1943, 88-1943	10-1946, 88-1946
ITT Cannon	CWLD07	CWLD06

## QS07 C 20-33 S N - E2(025) - 02

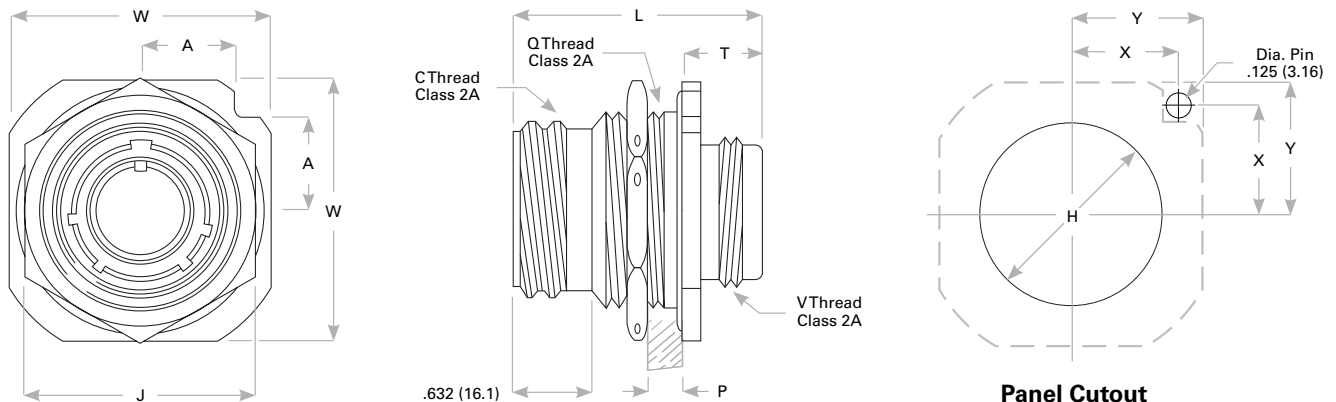
- 1 **BASIC PART NUMBER**  
**QS07** Solder jam nut wall mount receptacle  
**QC07** Crimp jam nut wall mount receptacle
- 2 **MATERIAL & FINISH**  
**C** Aluminum, conductive (environmental)  
**CP** Aluminum, conductive (pressurized)  
**N** Aluminum, non-conductive (environmental)
- 3 **SHELL SIZE & INSERT ARRANGEMENT**  
 See Insert Arrangement Selection table, p. W-10
- 4 **CONTACT STYLE**  
**P** Pin  
**S** Socket
- 5 **ALTERNATE ROTATION**  
**N** NORMAL or W, X, Y, Z
- 6 **OPTIONAL BACKSHELL KIT (OMIT FOR NONE)**  
**B2** Strain relief & adapter, p. W-25  
**E2** Environmental backshell, p. W-27  
 (Add dash number for appropriate shell size, see p. W-27)
- 7 **OPTIONAL ACCESSORY KIT (OMIT FOR NONE)**  
**02** Protective cover

Note: See part builder (p. W-9) for additional kit options.

## Receptacle Dimensions

Shell Size	W	A	J Hex	C Thread Class 2A	L	Q Thread Class 2A	T	V Thread Class 2A-LH	P Max Rear Panel	Y	X	H
12	1.375 (34.9)	.486 (12.3)	1.250 (31.8)	.8750-0.1P-0.2L-DS	1.782 (45.3)	1.000-20UNEF	.641 (16.3)	.750-20UNEF	.188 (4.8)	.688 (17.5)	.562 (14.3)	1.005 (25.5)
14	1.500 (38.1)	.530 (13.5)	1.312 (33.3)	1.0000-0.1P-0.2L-DS	1.782 (45.3)	1.125-18UNEF	.641 (16.3)	.875-20UNEF	.188 (4.8)	.750 (19.1)	.606 (15.4)	1.130 (28.7)
16	1.750 (44.5)	.623 (15.8)	1.500 (38.1)	1.1250-0.1P-0.2L-DS	1.844 (46.9)	1.250-18UNEF	.703 (17.9)	1.000-20UNEF	.188 (4.8)	.875 (22.2)	.699 (17.8)	1.255 (31.9)
18	1.875 (47.6)	.663 (16.8)	1.562 (39.7)	1.2500-0.1P-0.2L-DS	1.859 (47.3)	1.375-18UNEF	.703 (17.9)	1.125-18UNEF	.203 (5.2)	.938 (23.8)	.739 (18.8)	1.380 (35.1)
20	2.000 (50.8)	.707 (18.0)	1.750 (44.5)	1.3750-0.1P-0.2L-DS	1.859 (47.3)	1.500-18UNEF	.703 (17.9)	1.250-18UNEF	.203 (5.2)	1.000 (25.4)	.783 (19.9)	1.505 (38.2)
22	2.125 (54.0)	.751 (19.1)	1.875 (47.6)	1.5000-0.1P-0.2L-DS	1.859 (47.3)	1.625-18UNEF	.703 (17.9)	1.375-18UNEF	.203 (5.2)	1.062 (27.0)	.830 (21.1)	1.630 (41.4)
24	2.375 (60.3)	.840 (21.3)	2.125 (54.0)	1.7500-0.1P-0.2L-DS	1.922 (48.9)	1.875-16UN	.703 (17.9)	1.625-18UNEF	.265 (6.7)	1.188 (30.2)	.919 (23.3)	1.880 (47.8)
28	2.625 (66.7)	.928 (23.6)	2.375 (60.3)	2.0000-0.1P-0.2L-DS	2.016 (51.2)	2.125-16UN	.785 (19.9)	1.875-16UN	.277 (7.0)	1.312 (33.3)	1.007 (25.6)	2.130 (54.1)
32	2.875 (73.0)	1.017 (25.8)	2.625 (66.7)	2.2500-0.1P-0.2L-DS	2.016 (51.2)	2.375-16UN	.785 (19.9)	2.0625-16UN	.215 (5.5)	1.438 (36.5)	1.096 (27.8)	2.380 (60.5)
36	3.125 (79.4)	1.104 (28.0)	2.875 (73.0)	2.5000-0.1P-0.2L-DS	2.016 (51.2)	2.625-16UN	.785 (19.9)	2.3125-16UN	.215 (5.5)	1.562 (39.7)	1.183 (30.1)	2.630 (66.8)

Dimensions are in inches (mm).



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