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AS39029/32

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5935

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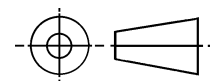
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THIRD ANGLE PROJECTION



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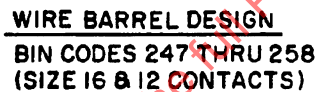
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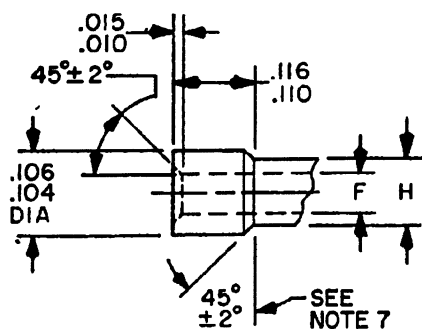
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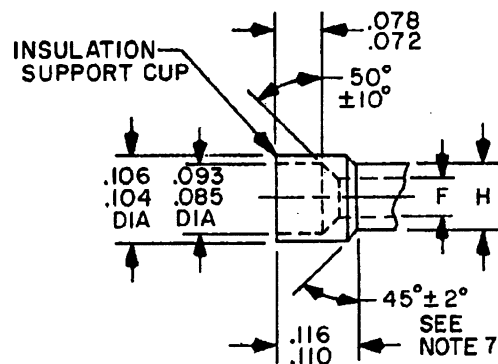
CONTACTS, ELECTRICAL CONNECTOR, SOCKET,
CRIMP REMOVABLE, (FOR MIL-C-26482 SERIES 1,
MIL-C-26500 AND MIL-C-26518 CONNECTORS)

AS39029/32
SHEET 1 OF 7

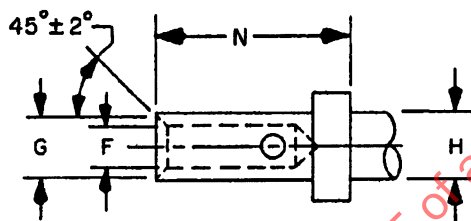




WIRE BARREL DESIGN
BIN CODE 449
SIZE 20 CONTACTS



WIRE BARREL DESIGN
BIN CODES 259 & 260
SIZE 20 CONTACTS



WIRE BARREL DESIGN
BIN CODES 242 THRU 246
SIZE 20 CONTACTS

TABLE 1. Dimensions.

BIN code	A REF	B MIN	C DIA	D DIA 1/	E DIA	F DIA	G DIA	H DIA	J DIA	K MIN	L	M	N
242, 243, 244, 245 and 246	.854 (21.69)	.0415	.078 .076	.052 .048	.103 (2.62) .100 (2.54)	.050 .048	.064 .060	.078 .076	.032 .026	.250	.033 .029	.063 .053	.308 .304
247, 248, 249, 250, 251 and 252	.844 (21.44)	.064	.113 .110	.087 .083	.148 (3.76) .144 (3.66)	.068 .066	.092 .080	.105 .101	.042 .036	.236	.048 .044	.079 .073	.298 .294
253, 254, 255, 256, 257 and 258	.844 (21.44)	.0955	.161 .158	.135 .131	.202 (5.13) .198 (5.03)	.102 .098	.135 .115	.153 .147	.042 .036	.236	.048 .044	.079 .073	.298 .294
259, 260 and 449	.854 (21.69)	.0415	.078 .076	.052 .048	.103 (2.62) .100 (2.54)	.050 .048	--- ---	.078 .076	.032 .026	.267	.033 .029	.063 .053	.308 .304

1/ See requirements.

FIGURE 1. SOCKET CONTACTS - CONTINUED.

INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
.003	.08	.063	1.60	.097	2.46	.161	4.09
.004	.10	.064	1.63	.098	2.49	.185	4.70
.005	.13	.065	1.65	.100	2.54	.189	4.80
.010	.25	.068	1.73	.101	2.57	.236	5.99
.015	.38	.072	1.83	.102	2.59	.250	6.35
.026	.66	.073	1.85	.104	2.64	.267	6.78
.029	.74	.076	1.93	.105	2.67	.270	6.86
.032	.81	.078	1.98	.106	2.69	.281	7.14
.033	.84	.079	2.01	.110	2.79	.294	7.47
.036	.91	.080	2.03	.113	2.87	.298	7.57
.042	1.07	.083	2.11	.115	2.92	.300	7.62
.044	1.12	.085	2.16	.116	2.95	.304	7.72
.048	1.22	.087	2.21	.131	3.33	.308	7.82
.050	1.27	.089	2.26	.135	3.43	.355	9.02
.052	1.32	.092	2.34	.147	3.73	.367	9.32
.053	1.35	.093	2.36	.153	3.89	.854	21.69
.060	1.52	.095	2.41	.158	4.01		

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only and are based upon 1.00 inch = 25.4 mm.
3. Metric equivalents are in parentheses for overall length and diameter only.
4. Dimensions shown apply after plating.
5. Spherical end dimension to comply with MIL-C-39029A.
6. Contacts (Class A) are shipped for MIL-C-26482, series 1 connectors. Contacts (Class B) are shipped for MIL-C-26500 connectors.
7. Optional requirement of .036/.026 radius may be used as substitute.

FIGURE 1. SOCKET CONTACTS - CONTINUED.

TABLE II. DESIGN CHARACTERISTICS.

BIN code	Color bands			Mating end size	Wire barrel size	Type	Class
	1st	2nd	3rd				
242	Red	Yellow	Red	20	20	A	A
243	Red	Yellow	Orange	20	20	C-iron	A
244	Red	Yellow	Yellow	20	20	C-chrome1	A
245	Red	Yellow	Green	20	20	C-alume1	A
246	Red	Yellow	Blue	20	20	C-constantan	A
247	Red	Yellow	Violet	16	16	A	A
248	Red	Yellow	Gray	16	16	A	B
249	Red	Yellow	White	16	16	C-iron	A
250	Red	Green	Black	16	16	C-chrome1	A
251	Red	Green	Brown	16	16	C-alume1	A
252	Red	Green	Red	16	16	C-constantan	A
253	Red	Green	Orange	12	12	A	A
254	Red	Green	Yellow	12	12	A	B
255	Red	Green	Green	12	12	C-iron	A
256	Red	Green	Blue	12	12	C-chrome1	A
257	Red	Green	Violet	12	12	C-alume1	A
258	Red	Green	Gray	12	12	C-constantan	A
259	Red	Green	White	20	20	A	A
260	Red	Blue	Black	20	20	A	B
449	Yellow	Yellow	White	20	20	A	B

REQUIREMENTS:

Dimensions, design characteristics, and configuration: See figure 1 and tables I and II.

Tools: See table III.

AEROSPACE STANDARD

CONTACTS, ELECTRICAL CONNECTOR, SOCKET,
CRIMP REMOVABLE, (FOR MIL-C-26482 SERIES 1,
MIL-C-26500 AND MIL-C-26518 CONNECTORS)