233-101-G6
Type 4 Lanyard Release Plug for MIL-STD-1760
and Other MIL-DTL-38999 Series III Type
Hybrid Signal, Power, Coax and Twinax Arrangements

Product Series	Basic Number	EMI Plug	Finish	Shell Size	Insert Arrangement	Contact Style	Alternate Key Position	Lanyard Length Code
233	101	G6	M	25	20	P	A	E
			Table II	*Table I*	25-20 Per MIL-STD-1560	*P - Pin* *S - Socket*	*A, B, C, D or E* *(N for Normal)*	*See Table III*

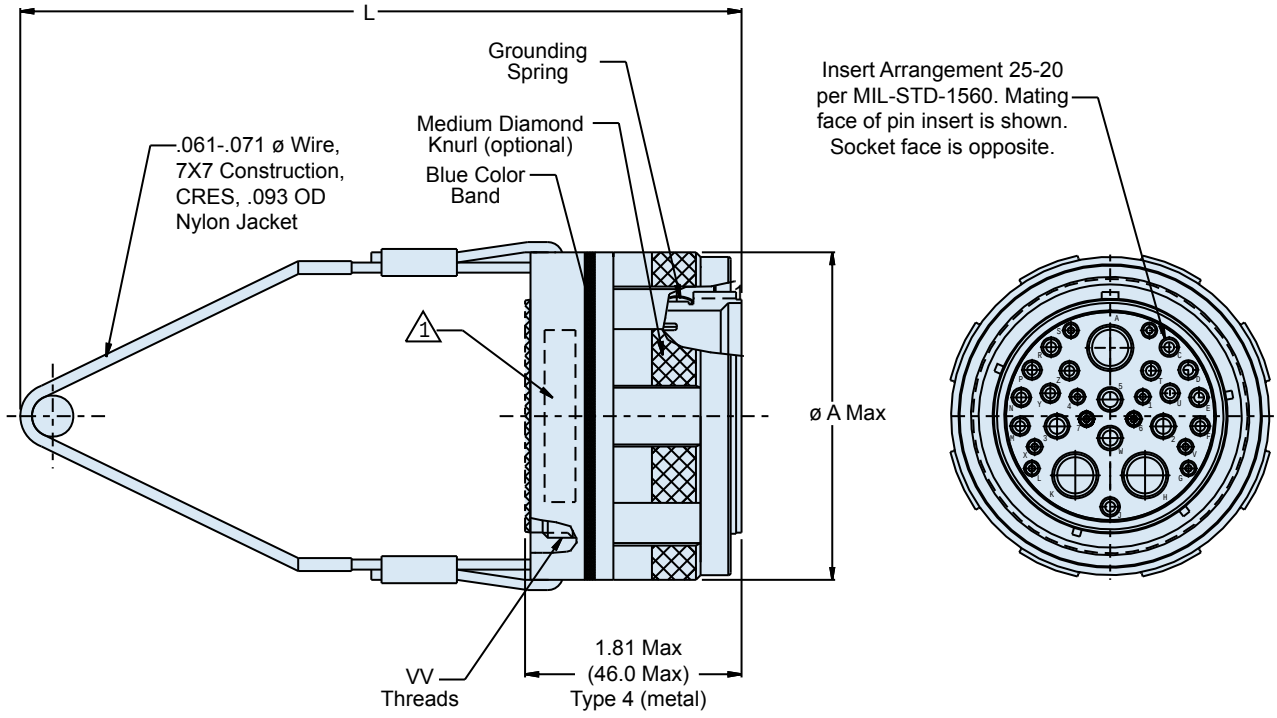

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TABLE I: CONNECTOR DIMENSIONS

SHELL SIZE	SHELL SIZE CODE	A MAX	W THREAD
09	A	1.00 (25.4)	M12 x1-6g-0.100R
11	B	1.110 (28.19)	M15 x1-6g-0.100R
13	C	1.972 (50.1)	M18x1-6g-0.100R
15	D	2.078 (52.8)	M22x1-6g-0.100R
17	E	2.204 (56.0)	M25x1-6g-0.100R
19	F	2.330 (59.2)	M28x1-6g-0.100R
21	G	2.472 (62.8)	M31x1-6g-0.100R
23	H	2.594 (65.9)	M34x1-6g-0.100R
25	J	2.704 (68.7)	M37x1-6g-0.100R

TABLE II: FINISH

Symbol	Finish
M	Al alloy, Electroless Nickel
Z1	CRES, Passivated
ZL	CRES, Electrodeposited Nickel
NF	Al alloy, Olive Drab Cadmium over Nickel

TABLE III: LANYARD LENGTH CODE

CODE	L ± .236 (±6)	CODE	L ± .236 (±6)	CODE	L ± .236 (±6)	CODE	L ± .236 (±6)
A	4.016(102)	G	7.007(178)	M	10.000(254)	U	13.031(331)
B	4.527(115)	H	7.519(191)	N	10.511(267)	V	14.015(356)
C	5.000(127)	I	7.992(203)	P	11.023(280)	W	15.000(381)
D	5.511(140)	J	8.503(216)	R	11.535(293)	X	16.023(407)
E	6.024(153)	K	9.015(229)	S	12.007(305)	Y	17.007(432)
F	6.535(166)	L	9.527(242)	T	12.519(318)	Z	18.031(458)

TABLE IV: SUPPLIED COMPONENTS

Contact Size	Contact Pin Part Number	Contat Socket Part Number	Sealing Plug Part Number	Insertion/Removal Tool Part Number
22D	M39029/58-360	M39029/56-348	M27488-22	M81969/14-01
20	M39029/58-363	M39029/56-351	M27488-20	M81969/14-10
16	M39029/58-364	M39029/56-352	M27488-16	M81969/14-03
12	M39029/58-365	M39029/56-353	M27488-12	M81969/14-04
12	M39029/102-558 Coax	M39029/103-559 Coax	M27488-12	M81969/14-04
8	M39029/60-367 Coax	M39029/59-366 Coax	M27488-8	M81969/14-06
8	M39029/90-529 Twinax	M39029/91-530 Twinax	M27488-8	M81969/14-06

APPLICATION NOTES

1. Assembly to be identified with Glenair's name and part number.
2. Material/finishes:
   Shell, coupling sleeve, lanyard ring—Aluminum alloy or CRES per Table I
   Retaining clips—Beryllium copper/gold plated
   Insulators—High grade rigid dielectric/NA
   Wave spring, retaining rings—Cres
   Grounding Spring—Beryllium copper/electroless nickel
   Seals—fluorosilicone/NA
3. This connector mates with D38999/20 and /24,
4. Dimensions in parenthesis are metric and for reference.
5. Blue color band indicates rear release retention system.
6. Connectors to be supplied with contacts, insertion/removal tools and sealing plugs. Quantity of contacts includes spares (see Table IV).

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