

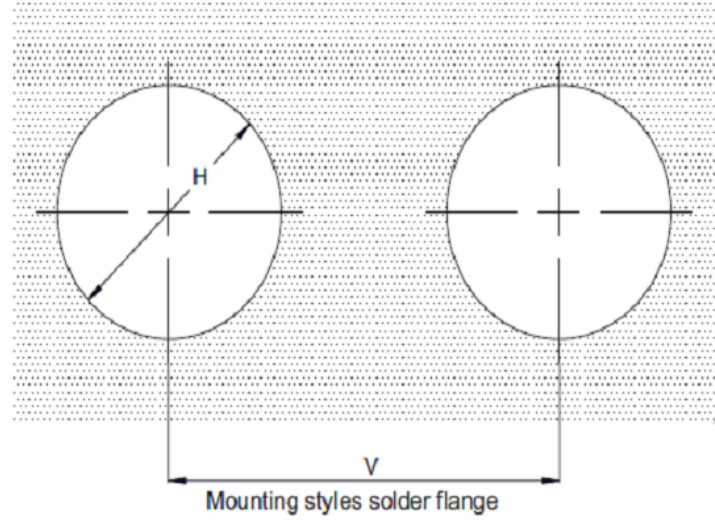
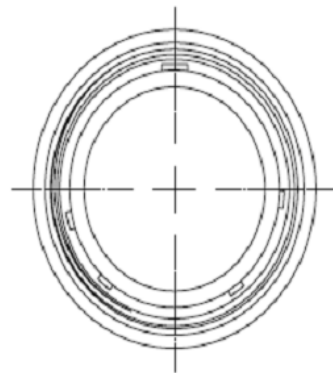
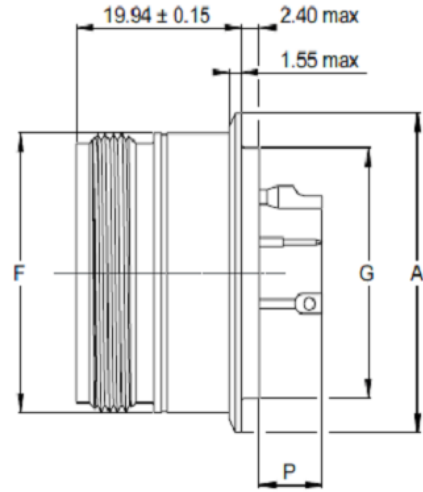
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983-XY+_++

Receptacle Solder Round Flange

TYPE 1



Size	A ±0 -0.2	F Max.	G Max.	H Min.	P Max. Size 20 16-12	V Min.	Weight Max. (g)
08	18.36 17.86	14.27	12.70	12.96	4.93 5.69	31.70	15
10	21.59 21.08	17.67	14.27	14.53	4.93 5.69	34.90	21
12	26.80 26.29	22.22	19.05	19.30	4.93 5.69	39.60	31
14	27.94 27.43	23.77	20.62	20.88	4.93 5.69	41.25	35
16	30.99 30.48	26.97	23.80	24.05	4.93 5.69	44.45	46
18	34.39 33.78	30.15	26.97	27.23	4.93 5.69	47.35	51
20	37.34 36.83	33.32	30.15	30.40	4.93 5.69	51.90	59
22	40.64 40.13	36.49	33.32	33.58	4.93 5.69	54.10	73
24	43.68 43.17	39.67	36.50	36.75	4.93 5.69	57.25	86

Example of order: 983-1YE 22-55 P N

983-

1

YE

22-

55

P

N

Connector type

Shell type

- 0 Square flange receptacle
- 1 Solder receptacle
- 7 Jam-nut receptacle

Connector model

Y-YE for receptacle only

Shell size

08 - 10 - 12 - 14 - 16 - 18 - 20 - 22 - 24 - 28

Arrangements : see section 2.2

Contact type

- P Male contact
- S Female contact, consult TE Technical Support

Insert clocking position

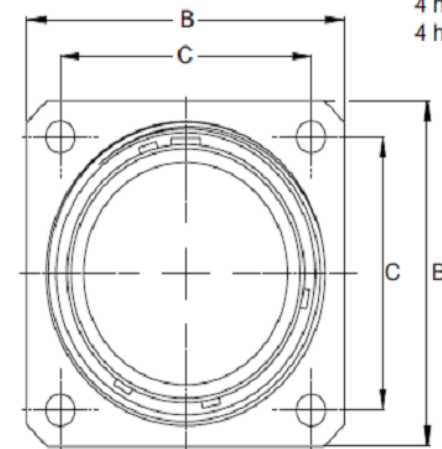
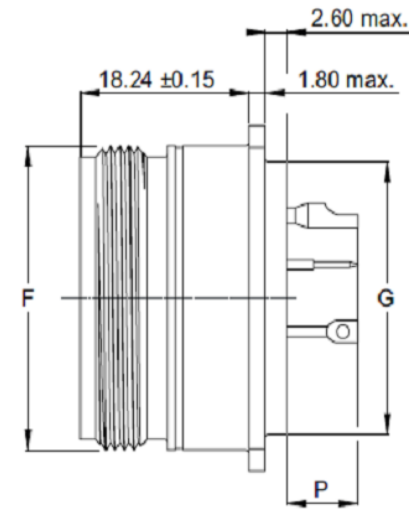
N - 6 - 7 - 8 - 9 - Y

CHARACTERISTIQUES

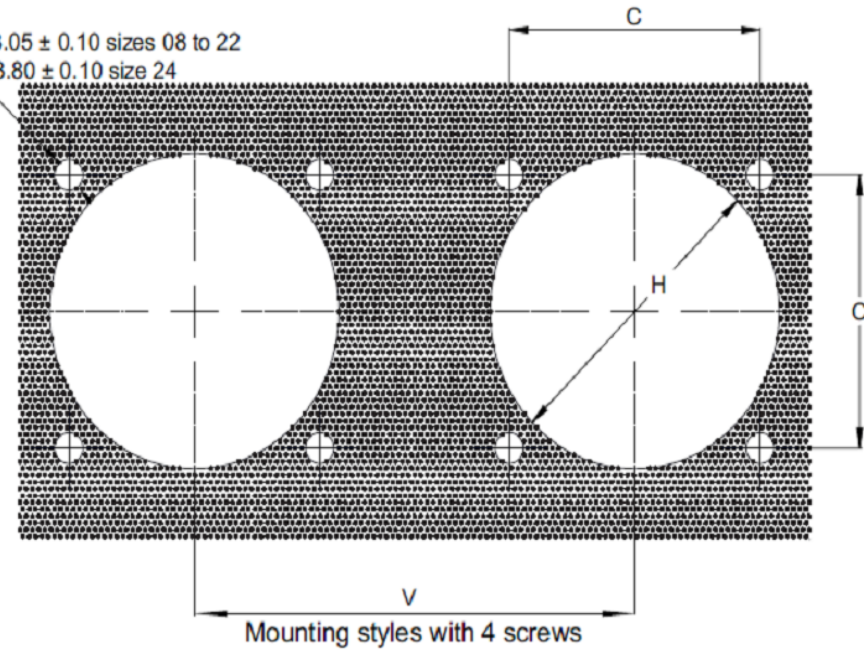
- Shell material : Stainless steel
- Insert material : Sintered Glass
- Contact : Solder type, non removable,gold plating
- Temperature range :
Y : -65°C to 200°C
YE : -65°C to 260°C cyclique
- Dielectric withstanding voltage : At sea level
1500 Vrms 50 Hz mated connectors

Receptacle Square Flange

TYPE 0



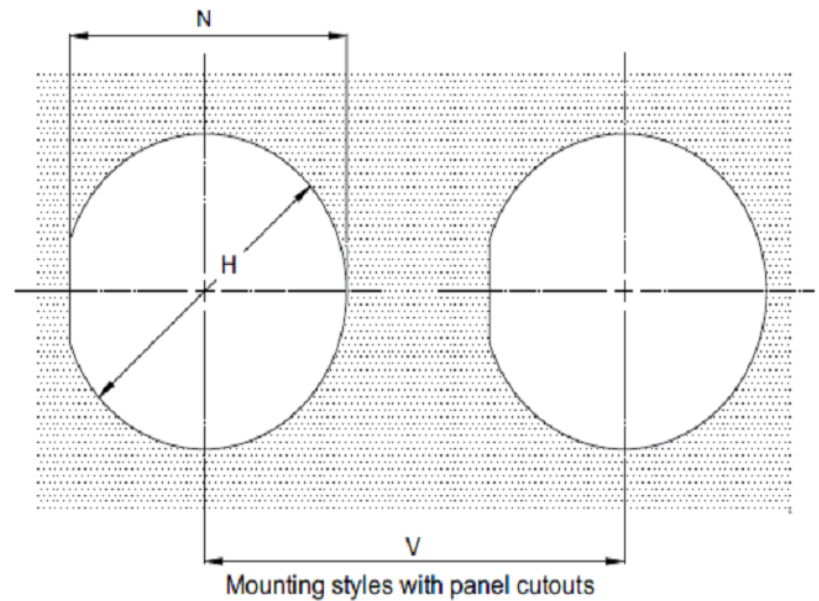
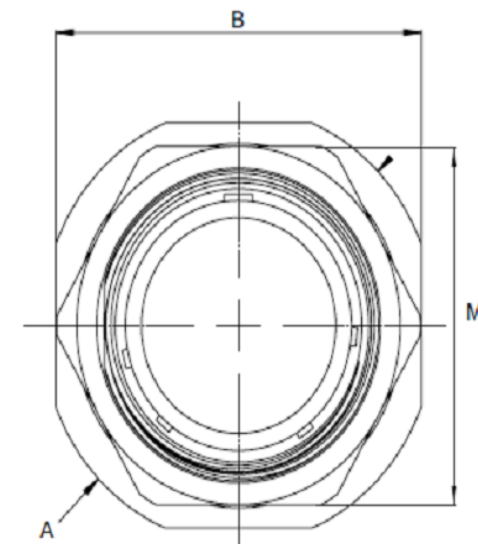
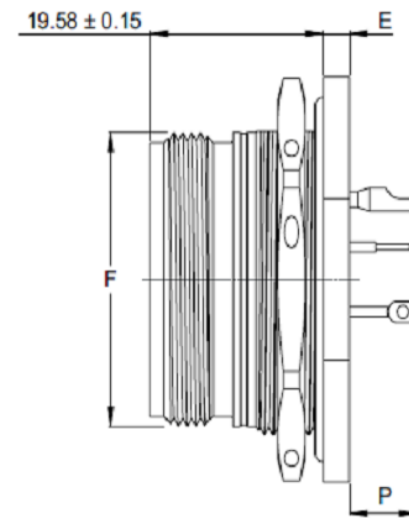
4 holes $\varnothing 3.05 \pm 0.10$ sizes 08 to 22
4 holes $\varnothing 3.80 \pm 0.10$ size 24



Size	B Max.	C ±0.05	F Max.	G Max.	H Min.	P max Size 20 16-12	V Min.	Weight Max. (g) stainless steel
08	20.75	15.09	14.27	12.70	15.80	4.93 5.69	31.70	18
10	23.93	18.26	17.67	14.27	18.70	4.93 5.69	34.90	24
12	26.32	20.62	22.22	19.05	23.40	4.93 5.69	39.60	31
14	28.71	23.01	23.77	20.62	24.90	4.93 5.69	41.25	40
16	31.88	24.61	26.97	23.80	28.30	4.93 5.69	44.45	49
18	34.24	26.97	30.15	26.97	31.10	4.93 5.69	47.35	54
20	36.63	29.36	33.32	30.18	34.50	4.93 5.69	51.90	62
22	39.80	31.75	36.49	33.32	37.50	4.93 5.69	54.10	77
24	43.39	34.92	39.67	36.53	40.60	4.93 5.69	57.25	88

Receptacle Jam-Nut Mounting

TYPE 7



Size	A Max.	B Max.	E Max.	F Max.	H Min.	M Max.	N 0 -0.26	P Max. Size 20 16-12	V Min.	Weight Max. (g) Stainless steel	Tightening torque of panel nut
08	27.38	24.89	3.48	14.27	16.26	21.06	15.50	4.57 5.33	31.70	29	7 m.N max.
10	30.28	28.04	3.48	17.67	19.43	24.23	18.67	4.57 5.33	34.90	37	10 m.N max.
12	35.05	32.79	3.48	22.22	24.18	29.01	23.42	4.57 5.33	39.60	50	12 m.N max.
14	38.51	35.33	3.48	23.77	25.78	30.61	25.02	4.57 5.33	41.25	58	15 m.N max.
16	41.68	38.51	3.48	26.97	28.96	33.76	28.20	4.57 5.33	44.45	72	18 m.N max.
18	44.86	41.68	3.48	30.15	32.13	36.96	31.25	4.57 5.33	47.35	79	22 m.N max.
20	49.63	44.86	3.48	33.32	35.31	40.11	34.42	4.57 5.33	51.90	87	25 m.N max.
22	52.78	49.63	3.76	36.49	38.48	43.31	37.59	4.29 5.05	54.10	108	27 m.N max.
24	55.42	52.81	3.76	39.67	41.66	46.46	40.77	4.29 5.05	57.25	122	29 m.N max.

DWN	LAKSHMI SUDHA R	MATERIAL	—	HEAT TREAT	—
CHK	RAKESH S	APVD	VINCENT P	TE Connectivity	
NAME					
983 SERIES HERMETIC RECEPTACLES					
SCALE	2:1	SIZE	A2	DRAWING NO	983-XY+_++
SHEET				1 OF 1	REV
					A

Mouser Electronics

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