

Current Feedthrough 1 kV

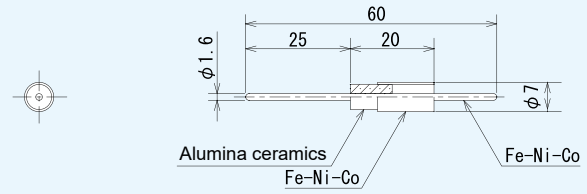


fig.1

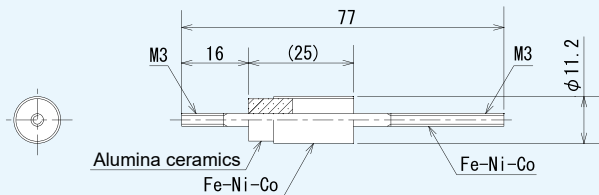


fig.2

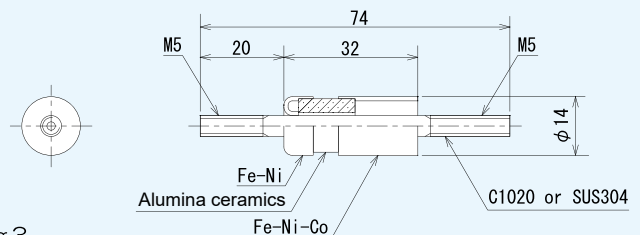


fig.3

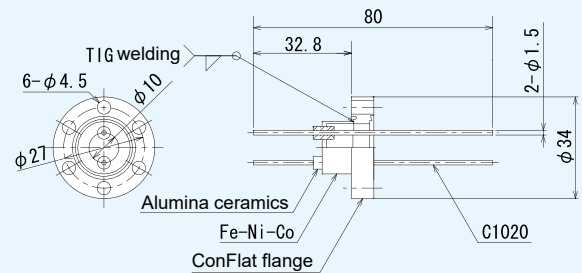


fig.4

* Parts are joined by means of silver brazing.
(Excluding welding sections)

Model	Shape	Electrode material	Current capacity	Withstand voltage (test voltage)	Insulation resistance	Hermeticity
EP1-P1-1KV3A-60	fig.1	Fe-Ni-Co	3A	DC 1kV	1000 MΩ or more (at DC 500 V)	1×10 ⁻¹⁰ Pa·m ³ /s or less
EM3-M3-1KV10A-77	fig.2		10A			
EM5-M5-1KV15A-74	fig.3	SUS304	15A			
EM5-M5-1KV80A-74		C1020	80A			
EP1-P1-1KV10A-2-CF34	fig.4		10A			

Current Feedthrough 3 kV

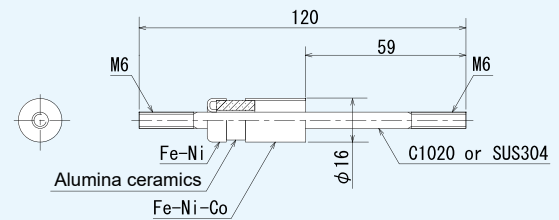


fig.1

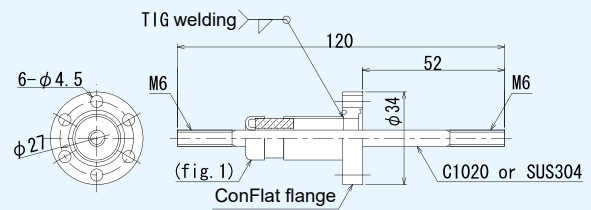


fig.2

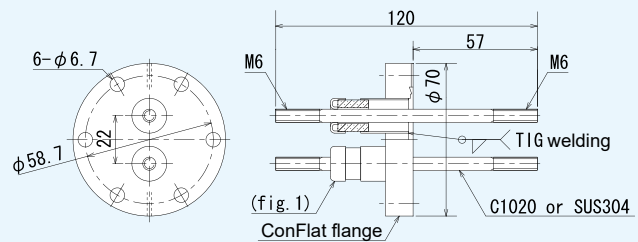


fig.3

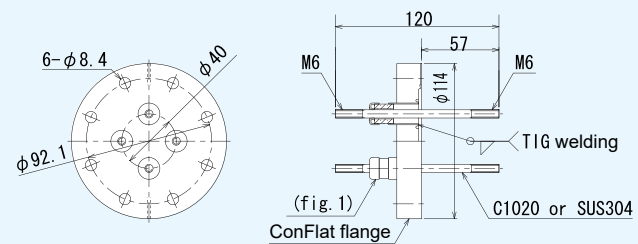


fig.4

* Parts are joined by means of silver brazing. (Excluding welding sections)

Model	Shape	Electrode material	Current capacity	Withstand voltage (test voltage)	Insulation resistance	Hermeticity
EM6-M6-3KV20A-120	fig.1	SUS304	20A	DC 3 kV	1000 MΩ or more (at DC 500 V)	1x10 ⁻¹⁰ Pa·m ³ /s or less
EM6-M6-3KV100A-120		C1020	100A			
EM6-M6-3KV20A-CF34	fig.2	SUS304	20A			
EM6-M6-3KV100A-CF34		C1020	100A			
EM6-M6-3KV20A-2-CF70	fig.3	SUS304	20A			
EM6-M6-3KV100A-2-CF70		C1020	100A			
EM6-M6-3KV20A-4-CF114	fig.4	SUS304	20A			
EM6-M6-3KV100A-4-CF114		C1020	100A			

Current Feedthrough 5 kV

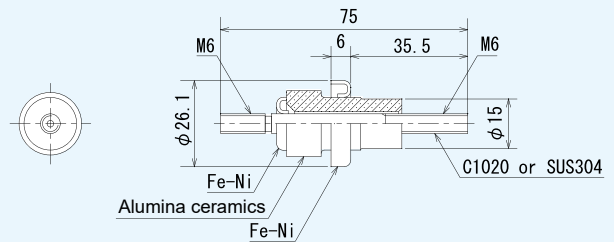


fig.1

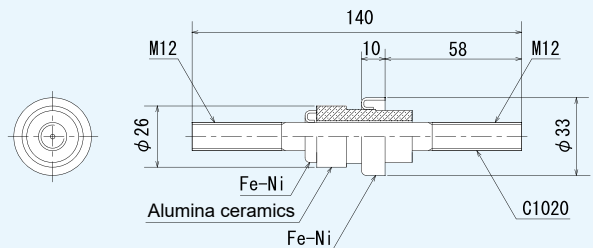


fig.2

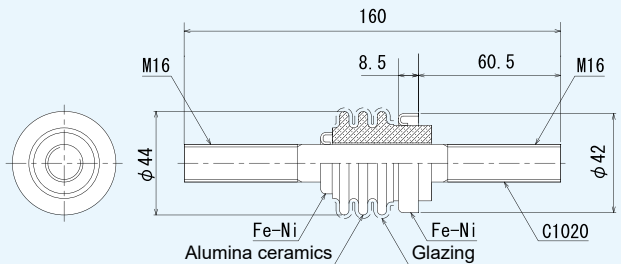


fig.3

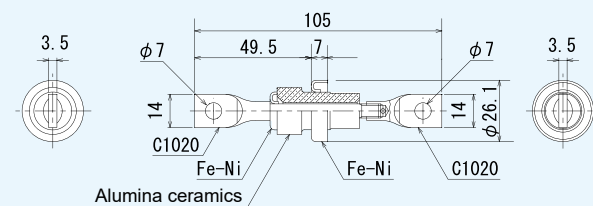
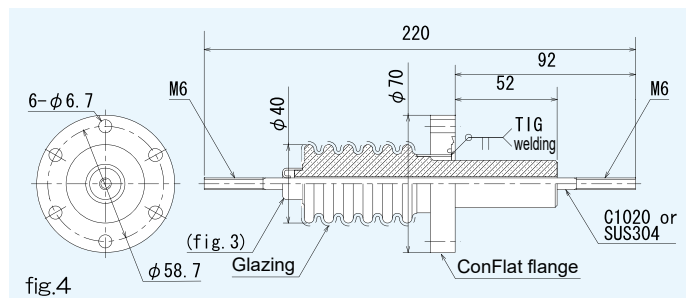
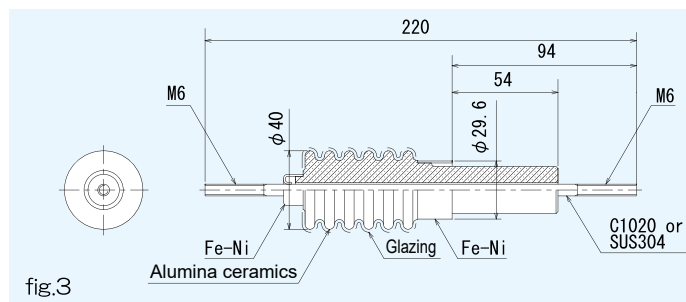
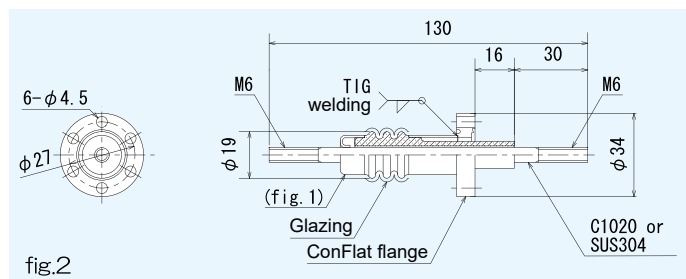
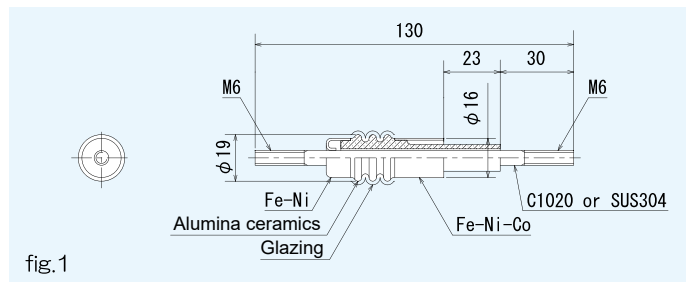


fig.4

* Parts are joined by means of silver brazing.

Model	Shape	Electrode material	Current capacity	Withstand voltage (test voltage)	Insulation resistance	Hermeticity
EM6-M6-5KV20A-75	fig.1	SUS304	20A	DC 5 kV	1000 MΩ or more (at DC 500 V)	1x10 ⁻¹⁰ Pa·m3/s or less
EM6-M6-5KV100A-75			100A			
EM12-M12-5KV250A-140	fig.2	C1020	250A			
EM16-M16-5KV400A-160	fig.3		400A			
EH7-H7-5KV100A-105	fig.4		100A			

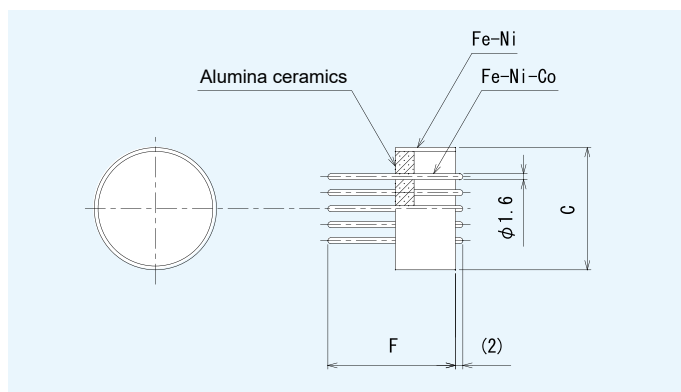
Current Feedthrough 12 kV / 30 kV



* Parts are joined by means of silver brazing. (Excluding welding sections)

Model	Shape	Electrode material	Current capacity	Withstand voltage (test voltage)	Insulation resistance	Hermeticity
EM6-M6-12KV20A-130	fig.1	SUS304	20A	DC 12 kV	1000 MΩ or more (at DC 500 V)	1x10 ⁻¹⁰ Pa·m ³ /s or less
EM6-M6-12KV100A-130		C1020	100A			
EM6-M6-12KV20A-CF34	fig.2	SUS304	20A			
EM6-M6-12KV100A-CF34		C1020	100A			
EM6-M6-30KV20A-220	fig.3	SUS304	20A	DC 30 kV		
EM6-M6-30KV100A-220		C1020	100A			
EM6-M6-30KV20A-CF70	fig.4	SUS304	20A			
EM6-M6-30KV100A-CF70		C1020	100A			

Current Feedthrough (MIL layout type) / #16 straight pins



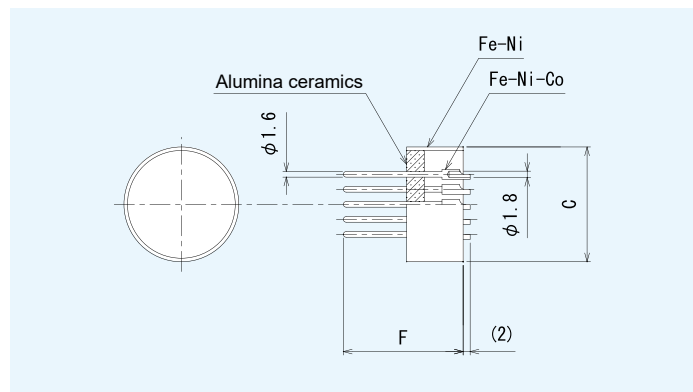
* Parts are joined by means of silver brazing.

Model -----E.g.) E M 19 PP- 22-14
 Product classification code (E: Current feedthrough)
 Withstand voltage code (M: DC 500 V, A: AC 1500 V)
 Number of pins
 Terminal shape (PP: Straight - Straight pins)
 Layout code (See page C01)

	Model	Number of pins	Dimensions		Withstand voltage (test voltage)
			C	F	
Standard type	EM02PP-12S-3	2	$\phi 17.0$	32	DC 500 V
	EM03PP-14S-7	3	$\phi 20.1$		
	EM04PP-14S-2	4			
	EM06PP-14S-6	6			
	EM10PP-18-1	10	$\phi 26.1$	34	
	EM14PP-20-27	14	$\phi 29.6$		
	EM19PP-22-14	19	$\phi 32.6$		
	EM24PP-24-28	24	$\phi 36.6$		
	EM37PP-28-21	37	$\phi 41.1$		
	EM48PP-36-10	48	$\phi 53.1$		
High withstand voltage type	EA02PP-12S-3	2	$\phi 17.0$	32	AC 1500 V
	EA03PP-14S-7	3	$\phi 20.1$		
	EA04PP-14S-2	4			
	EA10PP-18-1	10	$\phi 26.1$	34	
	EA14PP-20-27	14	$\phi 29.6$		
	EA19PP-22-14	19	$\phi 32.6$		
	EA24PP-24-28	24	$\phi 36.6$		
	EA37PP-28-21	37	$\phi 41.1$		
	EA48PP-36-10	48	$\phi 53.1$		

Common specifications		
Current capacity: See page C01	Insulation resistance: 1000 MΩ or more (at DC 500 V)	Hermeticity: 1x10 ⁻¹⁰ Pa·m ³ /s or less

Current Feedthrough (MIL layout type) / #16 solder cup pins



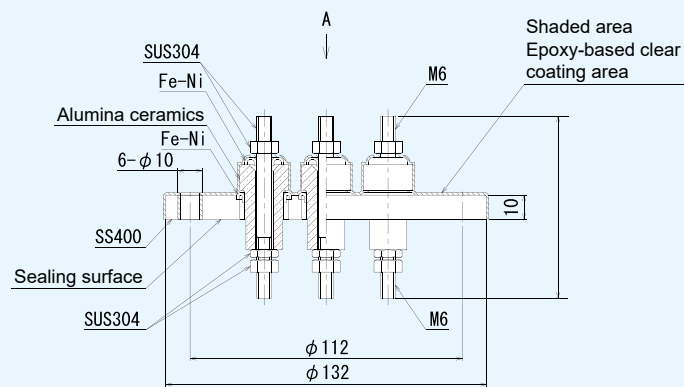
* Parts are joined by means of silver brazing.

Model ----- E.g.) E M 19 CP- 22-14
 Product classification code (E: Current feedthrough)
 Withstand voltage code (M: DC 500 V, A: AC 1500 V)
 Number of pins
 Terminal shape (CP: Solder cup - Straight pins)
 Layout code (See page C01)

	Model	Number of pins	Dimensions		Withstand voltage (test voltage)
			C	F	
Standard type	EM02CP-12S-3	2	$\phi 17.0$	32	DC 500 V
	EM03CP-14S-7	3	$\phi 20.1$		
	EM04CP-14S-2	4			
	EM06CP-14S-6	6			
	EM10CP-18-1	10	$\phi 26.1$	34	
	EM14CP-20-27	14	$\phi 29.6$		
	EM19CP-22-14	19	$\phi 32.6$		
	EM24CP-24-28	24	$\phi 36.6$		
	EM37CP-28-21	37	$\phi 41.1$		
	EM48CP-36-10	48	$\phi 53.1$		
High withstand voltage type	EA02CP-12S-3	2	$\phi 17.0$		32
	EA03CP-14S-7	3	$\phi 20.1$		
	EA04CP-14S-2	4			
	EA10CP-18-1	10	$\phi 26.1$	34	
	EA14CP-20-27	14	$\phi 29.6$		
	EA19CP-22-14	19	$\phi 32.6$		
	EA24CP-24-28	24	$\phi 36.6$		
	EA37CP-28-21	37	$\phi 41.1$		
	EA48CP-36-10	48	$\phi 53.1$		

Common specifications		
Current capacity: See page C01	Insulation resistance: 1000 M Ω or more (at DC 500 V)	Hermeticity: 1×10^{-10} Pa·m ³ /s or less

Current Feedthrough (Terminal block type)

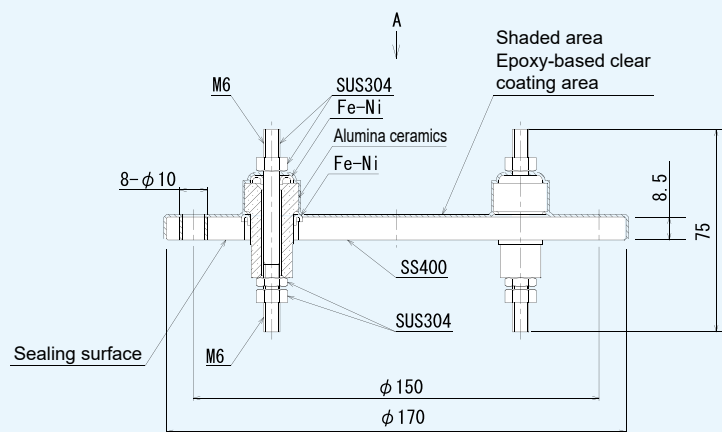


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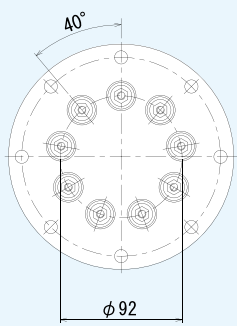
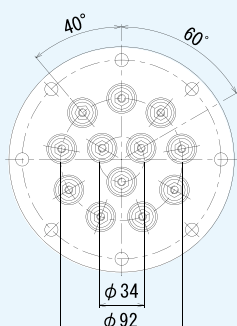
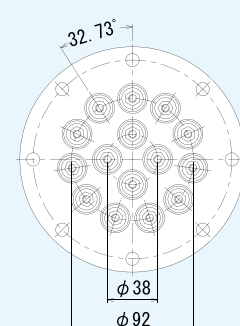
View from arrow A				
	2	3	4	6
Number of electrodes	2	3	4	6

Model	Number of electrodes	Current capacity	Withstand voltage (test voltage)	Hermeticity
MT02-132	2	20 A	AC 2kV	1×10^{-10} Pa·m ³ /s or less
MT03-132	3			
MT04-132	4			
MT06-132	6			

Current Feedthrough (Terminal block type)



* Parts are joined by means of silver brazing.

View from arrow A			
	9	12	15

Model	Number of electrodes	Current capacity	Withstand voltage (test voltage)	Hermeticity
MT09-170	9	20 A	AC 2kV	1x10 ⁻¹⁰ Pa·m ³ /s or less
MT12-170	12			
MT15-170	15			