

SERIES 89 NANOMINIATURE Threaded and Breakaway Nano Circulares



899-017 EMI Cover for Breakaway Plug

THREADED AND BREAKAWAY NANO CIRCULARS



Breakaway Plug Covers offer the same EMI protection as mated connectors, from electro-magnetic interference, as a result of electromagnetic induction emitted from intended external sources such as radio transmissions or electromagnetic radiation from unintentional sources such as electric power transmission lines. Available in aluminum or stainless steel and provide EMI protection of hardware and equipment while Series 89 Circular Breakaway connectors are demated.

HOW TO ORDER							
Sample Part Number	899-017	-2-19	N	A2	F	2	-21
Series	899-017 = Nano Miniature Circular EMI Cover for Breakaway Plug						
Shell Size/ Contact Arrangement	1-4, 1-7, 2-19, 3-37, 4-44, 4-55 See Table I						
Polarization	N = Normal A = Alternate (See Table I)						
Cover Material and Finish	A2 = Aluminum Cover, Electroless nickel plating A5 = Aluminum Cover, Gold Over Nickel Plating S1 = Stainless Steel, Zinc/Cobalt (Black) S2 = Stainless Steel, Passivated						
Attachment Cord	N = No Lanyard F = Stainless Steel Wire Rope, Ø.034, Nylon Jacket, Black G = Flexible Nylon Cord, Ø1/16", Black						
Attachment Length	Attachment length in inches ±.25 (Omit for no lanyard)						
Termination Type	See Attachment Termination Table for code (Omit for no lanyard)						

SIZE	ØA	Polarization	M°	N°
1-4	0.425	N	150	210
		A	75	210
1-7	0.425	N	95	230
		A	140	275
2-19	0.475	N	150	210
		A	75	210
3-37	0.526	N	150	210
		A	75	210
4-44	0.558	N	150	210
		A	75	210
4-55	0.558	N	95	230
		A	140	275

DASH	ID	OD
-1	.098 (2.49)	.300 (7.62)
-2	.126 (3.20)	.300 (7.62)
-3	.140 (3.56)	.300 (7.62)
-4	.156 (3.96)	.300 (7.62)
-5	.167 (4.24)	.300 (7.62)
-6	.188 (4.78)	.300 (7.62)
-7	.197 (5.00)	.300 (7.62)
-8	.223 (5.66)	.300 (7.62)
	.218 (5.54)	

DASH	ID	OD	FPM SIZE	RPM SIZE
-20	.284 (7.21)	.392 (9.96)	N/A	1-4, 1-7
-21	.343 (8.71)	.451 (11.46)	1-4,1-7	2-19
-22	.382 (9.70)	.490 (12.45)	2-19	3-37
-23	.422 (10.72)	.530 (13.46)	3-37	4-44, 4-55
-24	.480 (12.19)	.588 (14.94)	4-44,4-55	N/A

Note: FPM = front panel mount, RPM = rear panel mount. The sizes shown are the shell size and arrangement for the connector(s) that fit the solid ring terminal. Use the solid ring option for attaching the EMI cover lanyard to the connector under the panel mount flange or spanner nut.

SERIES 89 NANOMINIATURE Threaded and Breakaway Nano Circulars



899-017 EMI Cover for Breakaway Plug

ATTACHMENT TERMINATION TABLE		
Termination Code	Description	Style
-00	No termination	
-01 Thru -08 See Table II	Lug termination stainless steel, passivated	
-SCS Type "G" Nylon Cord Only	Slip crimp sleeve Provides "slip knot" adjustment. May be crimped for permanent attachment	
-20 Thru -24 See Table III	Solid ring stainless steel, black chromate over zinc cobalt Match closest ID to connector panel cutout dia	
-CF	Crimp ferrule supplied loose for customer termination	

THREADED AND BREAKAWAY NANO CIRCULARS

