

Cleanroom & ESD

Handling & Storage



Metal Magazin Rack

MO7H-027-BK

Conductive PCB Magazine Rack

Polstar Conductive Magazine Racks are available with several types and sizes to meet customer's needs. All types are compatible with standard SMT equipment. Basically, they will be classified with a high temperature type and a normal type by temperature to resist, and a plastic type and a metal type by their materials used.



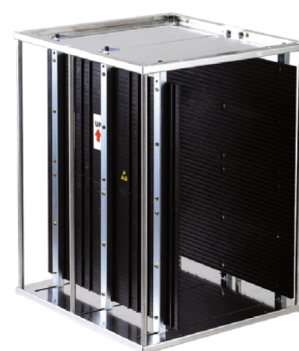
M07H-002



M07H-027



M07H-012



M07H-024

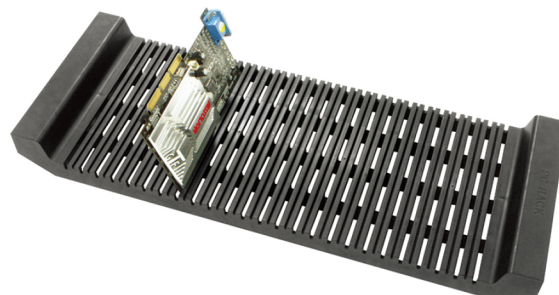
Item Code		M07H-001	M07H-002	M07H-027	M07H-006	M07H-007
Model		Polstar-70		Polstar-80M	Polstar-91	Polstar-92
Size (mm) (W×L×H)		317×358.7×570	317×358.7×580	316×354×575	318×355×580	318×360×570
PCB Measurement (mm) (W×L)	MAX.	263×355	263×355	250×330	258×330	258×330
	MIN.	50×355	50×355	50×330	50×330	50×330
Capacity (pcs) – (mm)		50	51	50	51	50
Pitch (mm)		10	10	10	10	10
Materials		Conductive Engineering Plastic		Magnesium	Conductive ABS	
Heat Resistance (°C)		90	90	400	90	90
Weight/unit (kg)		5.8	5.8	4.2	5.2	4.8

Item Code		M07H-009	M07H-010	M07H-011	M07H-012	M07H-024
Model		Polstar-94	Polstar-95	Polstar-96	Polstar-97	Polstar-100
Size (mm) (W×L×H)		370×352×570	380×480×570	400×460×575	318×355×570	530×535×575
PCB Measurement (mm) (W×L)	MAX.	308×330	318×450	334×430	258×330	460×535
	MIN.	98×330	74×450	65×430	50×330	150×535
Capacity (pcs) – (mm)		50	50	50	50	50
Pitch (mm)		10	10	10	10	10
Materials		Conductive ABS				Conductive ABS + Aluminum (top + bottom)
Heat Resistance (°C)		90	90	90	90	90
Weight/unit (kg)		4.8	7.0	7.0	6.0	9.5

Conductive PC Rack

Item Code	M05H-001
Size (mm/I.D.) (W×L×H)	179×390×25
Size of Pitch (mm)	16
Capacity (pitch)	25
Material	Conductive PS
Surface Resistance (ohm)	10e4 ~ 10e6
Weight (g)	500

*Size I.D.: Inner Dimension



Conductive PCB Angle Rack

Item Code	M06H-001
Size (mm/I.D.) (W×L×H)	325×205×93
Size of Pitch (mm)	9
Capacity (pitch)	31
Material	Conductive ABS
Surface Resistance (ohm)	10e4 ~ 10e6
Weight (g)	480



Conductive Parts Box



Item Code	M09H-001	M09H-002	M09H-003	M09H-004	M09H-007	M09H-008	M09H-009	M09H-012
Size (mm/I.D.) (W×L×H)	92×76(55)×44	92×141(113)×63	128×210(162)×112	181×315(285)×150	86×157(130)×76	122×225(195)×109	176×341(280)×141	145×86×100
Weight (g)	48	112	342	708	142	292	732	100
Surface Resistance (ohm)	10e4 ~ 10e6							
Material	Conductive PP							

ESD Container



Item Code		M35H-001	M35H-002	M35H-003	M35H-004	M35H-005	M35H-006	M35H-007	M35H-008
Size (cm) (W×L×H)	I.D.	27×17×11.5	27×17×16.5	37×27×11.5	37×27×16.5	37×27×21.5	57×37×16.5	57×37×21.5	57×37×26.5
	O.D.	30×20×12	30×20×17	40×30×12	40×30×17	40×30×22	60×40×17	60×40×22	60×40×27
Capacity (Litter)		5.3	7.6	10	15	20	35	45	56
Weight (g)		520	660	1010	1210	1480	1840	2080	2440
Volume Resistance (ohm/cm)		10e3 < 10e10							
Material		ESD PP							

*Size I.D.: Inner Dimension / O.D.: Outer Dimension

Conductive Chip Box



Item Code		M15H-004	M15H-005	M15H-006	M15H-007	M15H-008	M15H-009
Size (mm) (W×L×H)	I.D.	14(Dia)×17(H)	13×13×17	29×13×16	29×41×16	61×41×16	61×41×34
	O.D.	18(Dia)×22(H)	16.8×28.8×23.5	32.6×28.8×23.5	32.6×56.5×23.5	64.5×56.5×23.5	64.5×56.5×41.5
Weight (g)		2	5	11	15	24	36
Surface Resistance (ohm)		10e4 ~ 10e6					
Material		Conductive PP					

Conductive Tray



Item Code		M10H-005	M10H-006	M10H-007	M10H-008	M10H-009
Size (mm) (W × L × H)	I.D.	335 × 465 × 40	235 × 335 × 40	195 × 260 × 35	130 × 180 × 35	510 × 360 × 45
	O.D.	355 × 485 × 45	255 × 355 × 45	215 × 280 × 40	150 × 200 × 40	545 × 405 × 50
Weight (g)		412	328	158	84	673
Surface Resistance (ohm)		10e4 ~ 10e6				
Material		Conductive PS				



M10H-010



M10H-011



M10H-012



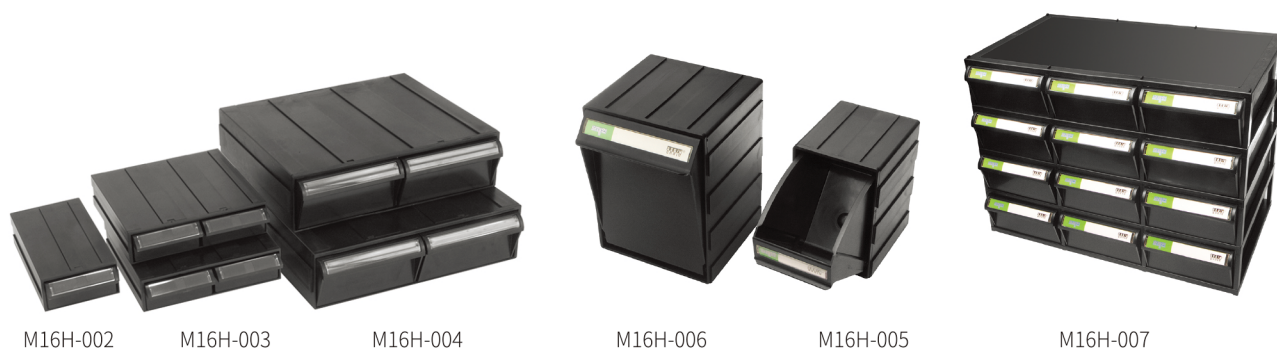
M10H-014



M10H-013

Item Code		M10H-010	M10H-011	M10H-012	M10H-013	M10H-014
Size (mm) (W × L × H)	I.D.	445 × 292 × 35	295 × 210 × 25	240 × 180 × 26	184 × 140 × 24	510 × 350 × 33
	O.D.	480 × 328 × 42	338 × 255 × 30	283 × 223 × 28	217 × 174 × 26	530 × 365 × 43
Weight (g)		460	150	137	90	910
Surface Resistance (ohm)		10e4 ~ 10e9				
Material		Conductive PP				

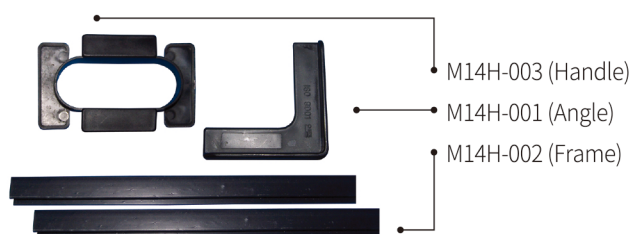
Conductive Cabinet



Item Code		M16H-002	M16H-003	M16H-004	M16H-005	M16H-006	M16H-007
Size (mm) (W × L × H)	Drawer	73×146×32	73×146×32	122×212×62	89×115×139	139×134×189	121×210×60
	O.D.	82×150×41	159×150×41	260×218×72	101×120×150	151×140×200	400×216×290
Drawer (pc)		1	2	2	1	1	12
Weight (g)		164	290	1030	450	860	3028
Surface Resistance (ohm)		10e4 ~ 10e6					
Material		Conductive PP					

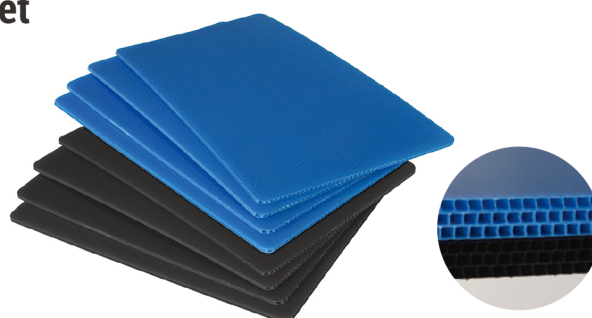
Conductive Corrugated Box

Item Code	M12H-000
Material	Conductive PP
Surface Resistance (ohm)	10e4 ~ 10e6
Size	Custom sizes



Conductive & Normal Corrugated Sheet

Item Code	M13H-000	M23H-000
Material	Conductive PP	Normal PP
Surface Resistance (ohm)	10e4 ~ 10e6	-
Color	Black	Blue, etc.
Thickness	3T, 4T, 5T, 10T	3T, 4T, 5T, 8T, 9T
Size (mm)	1100×1100, 1200×2400, 1220×2440	



ESD Rubber Band

Item Code	M28H-001
Surface Resistance (ohm)	10e5 ~ 10e8
Size	1.7 mm(T)×12 mm×120 mm (0.5"×4.75")
Color	Black
Packing	150 ~ 170 pcs/bag



ESD Strap

Black polypropylene hook and loop strap secures JEDEC trays using a D-Ring fastening system. The ESD version is designed with a metal D-Ring to insure a complete static loop. Unlike other “dipped” products that have a limited shelf life, our ESD strap has permanent ESD properties on both sides with ESD logo on the strap.

Item Code	M29H-001
Surface Resistance (ohm)	10e9
Size	25 mm×508 mm
Color	Black
Weight	22.7 g/pc
Packing	10 pc/bag
Constructions	Hook & Loop nylon strap with a metal D-Ring



ESD Tool Box



M30H-001



M30H-002

Item Code	M30H-001	M30H-002
Surface Resistance (ohm)	10e5 ~ 10e6	10e5 ~ 10e8
Size	255 mm×125 mm×100 mm(H)	400 mm×180 mm×180 mm(H)

ESD Squeeze Bottle

Item Code	M26H-001	M26H-002	M26H-003	M26H-004	M26H-005	M26H-006
Appearance						
Surface Resistance (ohm)	$\leq 10e9$					
Material	Polyethylene (PE)					
Capacity	60 ml	60 ml	60 ml	60 ml	60 ml	60 ml
Needle	16	20	26	16	20	26
Color	Yellow	Yellow	Yellow	Sky Blue	Sky Blue	Sky Blue

Item Code	M26H-007	M26H-008	M26H-009	M26H-010
Appearance				
Surface Resistance (ohm)	$\leq 10e9$			
Material	Polyethylene (PE)			
Capacity	250 ml	500 ml	250 ml	500 ml
Color	Yellow	Yellow	Sky Blue	Sky Blue

Item Code	M26H-011	M26H-012	M26H-013	M26H-014	M26H-015
Appearance					
Surface Resistance (ohm)	$\leq 10e9$				$10e4 \sim 10e10$
Material	Polyethylene (PE)				LDPE
Capacity	250 ml	500 ml	250 ml	500 ml	500 ml
Color	Yellow	Yellow	Sky Blue	Sky Blue	Yellow

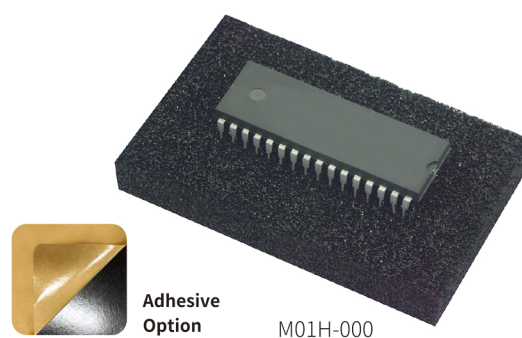
ESD Spray Bottle

Item Code	M27H-001	M27H-002	M27H-003	M27H-004
Appearance				
Surface Resistance (ohm)	10e4 ~ 10e10			
Material	LDPE			
Capacity	250 ml	500 ml	250 ml	500 ml
Color	Yellow	Yellow	Sky Blue	Sky Blue

Conductive Foam

The high quality of cross-linked conductive foams are created when carbon-compounded plastic resin is melted and expanded by the dispersion of gas in the liquid resin. The 4 types of Foams, PE, PU, EVA and AR, are available and they can be used in ESD packaging Industries to protect sensitive IC chips and finished devices from ESD damage and outer impact during transportation and storage. (The pre-adhesive treatment on the back side is optional.)

Item Code	M01H-000	M36H-000	M03H-000	M19H-000
Material	PE	PE +Adhesive	EVA	EVA +Adhesive
Density (g/cm ³)	10e4 ~ 10e6			
Surface Resistance (ohm)	0.045	0.045	0.16	0.16
Thickness (mm)	2 ~ 40	2 ~ 40	2 ~ 25	2 ~ 25
Size (m)	1×1.8	1×1.8	1×1.5	1×1.5
Weight / (m ³)	45 kg	45 kg	160 kg	160 kg



ESD Control PP Strap

Item Code	M04H-001
Size	0.7 mm(T) × 12 mm(W) × 1500 m(L)
Color	Black
Surface Resistance (ohm)	10e5 ~ 10e8
Packing	2 rolls/ctn, 18 kgs/ctn

