

Bill of Material (BOM) - Totalite Sensor overall

Aperture Core Laserweldment NG (149-9-100-012-913)						
Part number	Description	Number in drawing	Quantity	Vendor	Vendor item number	Note
149-9-100-012-914	Pinhole Photon Sieve 194µm NG	1	1	Veld Laser Innovations BV	-	Drawing 149-9-100-012-914
149-9-100-012-916	Welding Washer Pinhole 124µm photon 40µm sieve 194µm NG	2	1	Veld Laser Innovations BV	-	Drawing 149-9-100-012-916
149-9-100-012-904	Aperture Core NG	3	1	Meester Techniek	-	Drawing 149-9-100-012-904
Image Core Assembly NG (149-9-100-012-909)						
Part number	Description	Number in drawing	Quantity	Vendor	Vendor item number	Note
149-9-100-013-624	Parallel pin DIN 7 3h6 x 10 - A1/A2	3	1	Fabory (techprof)	51581.030.010	RVS! h6 passing!
149-9-100-012-911	Image Core NG	4	1	Meester Techniek	-	Drawing 149-9-100-012-911
149-9-100-012-912	Totalite Image PCB NG	1	1	Faber	-	Totalite_image_pcb_rev_GA
149-9-100-012-695	FFC / FPC Jumper Cables FFC 0.50 Type A 3 0 ckt's lgt 76	8	1	Mouser Electronics	538-15166-0319	-
149-9-100-002-118	Hex Socket Button Head ISO 7380 M2.5x8 -A4-80	6	3	Bossard	ULS000A40025008	-
149-9-100-012-907	Totalite IOT ADXL interface NG	2	1	Faber	-	Totalite_ADXL_interface_PCB_rev_JA
149-9-100-002-951	Hex Socket Cap Screw ISO4762 - M2x4 - A2 - 70	5	3	Bossard	51050.020004	-
149-9-100-012-697	FFC /FPC Jumper Cables WR-FFC .50mm type 1 8pin 50mm Wurth	7	1	Mouser Electronics	710-687608050002	-
Optical Core Assembly NG (149-9-100-012-902)						
Part number	Description	Number in drawing	Quantity	Vendor	Vendor item number	Note
149-9-100-014-277	6 Female Picoblade Molex	10	1	Mouser Electronics	15134-0601	
149-9-100-012-917	IR barrier NG	7	1	Ridderflex & Plastics BV	-	Drawing 149-9-100-012-917
149-9-100-012-918	Light Leak Sticker NG	3	1	Quant	-	Drawing 149-9-100-012-918
149-9-100-005-363	Pan Head Screw Cross Recess ISO 7045 M2x3 A2-70	2	4	Bernard Sanders Aandrijftechniek BV	-	-
149-9-100-004-286	Front glass	1	1	SCHOTT	-	Drawing 149-9-100-004-286
149-9-100-012-920	Illumination PCB NG	4	1	Faber	-	Totalite_illumination_pcb_rev_GA
149-9-100-012-913	Aperture Core Laserweldment NG	9	1	Veld Laser Innovations BV	-	Drawing 149-9-100-012-913
149-9-100-012-923	IR filter retainer NG	5	1	Veld Laser Innovations BV	-	Drawing 149-9-100-012-923
149-9-100-012-927	Filter cushion NG	8	1	Ridderflex & Plastics BV	-	Drawing 149-9-100-012-927
149-9-100-012-926	IR filter 780nm NG	6	1	SCHOTT	-	Drawing 149-9-100-012-926
Totalite IOT Camera IoT sensor Unit NG (149-9-100-012-901)						
Part number	Description	Number in drawing	Quantity	Vendor	Vendor item number	Note
149-9-100-013-624	Parallel pin DIN 7 3h6 x 10 - A1/A2	3	1	Fabory (techprof)	51581.030.010	RVS! h6 passing!
149-9-100-016-349	Hex Socket Head Screw ISO 4762 M2.5 x 4 PEEK	2	4	High Performance Polymer	PKSH2504	-
149-9-100-012-910	Camera Core NG	7	1	-	-	-
149-9-100-012-908	Communication Board NG	6	1	Vention	-	-
149-9-100-010-030	O-ring AS 030 / Ø100 x 2, NBR 70°Sh	3	1	Ekris	10028094	-
149-9-000-004-709	Silica gel 2 gr. RS PRO	1	1	RS Components BV	388-8421	-
149-9-100-012-915	Back Cap Connector Assembly NG	8	1	-	-	Totalite_IOT_input_pcb_rev_EA
149-9-000-003-376	Hex Socket Cap Screw ISO4762 - M3x20 - A2-70	5	4	Bernard Sanders Aandrijftechniek BV	51050,03002	-
	RF absorbing foam: flexible ferrite Würth (25x42mm)	-	1	Würth	MPN 344 150 0	-
	Sticky tape for RF absorbing foam (25x42x1.6mm)	-	1		MPN 5962F, VHB™	
Back Cap Connector Assembly NG (149-9-100-012-915)						
Part number	Description	Number in drawing	Quantity	Vendor	Vendor item number	Note
149-9-100-012-903	Back cap NG	1	1			
149-9-100-012-925	Totalite Connector Board NG	2	1			
Totalite Connector Board NG (149-9-100-012-925)						
Part number	Description	Number in drawing	Quantity	Vendor	Vendor item number	Note
149-9-100-012-919	Totalite Sensor Connector PCB	1	1	Faber	-	Totalite_IOT_input_pcb_rev_EA
149-9-100-012-906	Bulkhead connector SS-12300-003	2	2		-	

149-9-100-012-928	Bulkhead IP67 M12 4P male Solder NorComp 860-004-11SR004	3	1		-	
Camera Core NG (149-9-100-012-910)						
Part number	Description	Number in drawing	Quantity	Vendor	Vendoe item number	Note
149-9-000-001-560	Hex Soxket Head Screw ISO 4762 M3x25 - 25 A4-80	4	6	Bernard Sanders Aandrijftechniek BV		-
149-9-100-012-909	Image Core Assembly NG	3	1	-	-	Drawing 149-9-100-012-909
149-9-100-012-902	Optical Core Assembly NG	2	1	-	-	Drawing 149-9-100-012-902
149-9-100-013-624	Parallel pin ISO 2338 3h6x12 - A1	1	1	Bernard Sanders Aandrijftechniek BV	51581.030.012	-