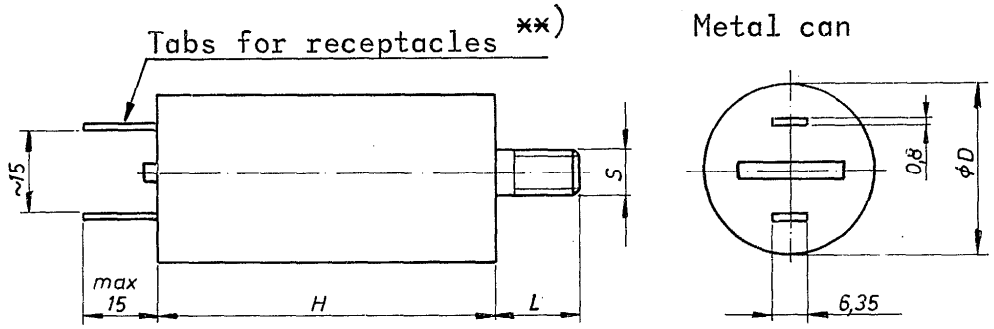
Metallized polypropylene capacitor, IEC grade 1.2



Environmental class	MY2 acc to Technical provisions 2098 053E MY1 for vibration and bump
Quality requirements	See Technical provision 4984 2002-6
Temperature range	-40 to 85 °C
Rated voltage	350 V DC / 250 VAC at 50 Hz
Capacitance tolerance	± 10 %
Dissipation factor	see below
Temperature dependence within temperature range	$\Delta C/C \leq 3\ \%$
RC-product (between term.)	≥ 1000 sec
Insulation resistance (terminations to case)	> 10000 MΩ
Stability	± 3 % *)
Pulse steepness	see below
Test voltage for 60 sec between terminations	750 VDC
Test voltage for 60 sec between terminations and case	2500 VAC

*) Max change after endurance test during 2000 h at rated voltage and 85°C

**) Acc to DIN 46244

Prep.	PA/FM/GF	Hans Magnusson	2008-09-10	Component specification			No of sh.
Appr.	PA/FM/GF	Håkan F Wintzell	2008-09-10	Met polyprop capacitor			3
Resp. dept.	PA/FM/G			Met polyprop kondensator			
ABB Automation Technologies				Document number 3BSC540001	Lang. en	Rev. A	Sheet 1

Product family : 661000 Tväranvänd A-div
Product type designation :
Product Information :
Title : Met polyprop capacitor

Project or order number :
Customer reference:
Modify date: **20080910** 110712

Document Status: **Approved**

Article number	Cap.	Dimensions				Weight	Max dU/dt	tan σ	
3BSC540001	µF	D max	H max	L	S	g max	V/µs	f Hz	max %
R0001	0,5	33	60	8 +4 -0	M8	40	80	1k	0.10
R0002	1	33	60	"	"	40	"	"	"
R0003	2	33	60	"	"	45	"	100	"
R0004	3	33	72	"	"	45	"	"	"
R0005	4	33	80	"	"	50	50	"	"
R0006	5	33	80	"	"	55	"	"	"
R0007	6	36	80	"	"	60	"	"	"
R0008	7	36	80	"	"	65	"	"	"
R0009	8	36	80	"	"	70	"	"	"
R0010	9	41	80	"	"	75	"	"	"
R0011	10	41	80	"	"	80	"	"	"
R0012	12	41	80	"	"	90	"	"	"
R0013	14	41	130	"	"	100	20	"	"
R0014	16	41	130	"	"	110	"	"	"
R0015	18	41	130	"	"	125	"	"	"
R0016	20	41	130	"	"	140	"	"	"
R0017	25	41	130	"	"	160	"	"	"
R0018	30	46	130	"	"	175	"	"	"
R0019	35	46	130	"	"	185	"	"	"
R0020	40	51	130	16±1	"	210	"	"	"
R0021	45	51	130	"	"	220	"	"	"
R0022	3,0	31	53	10 +2 -0	"	45	"	"	"
R0023	1	41	86	8 +4 -0	"	125	50	1k	"

Max mounting torque: M8: 4 Nm

M12: 7 Nm

Document Status: **Approved**

REVISION

Rev. ind.	Page (P) Chapt.(C)	Description	Date Dept./Init.
-		New Document	00-08-03 SEAPR/AGV/BJ
A	P2	Pos 23 tillkommit	08-09-05 PA/FM/GF/HM