

- * RoHS Compliant
- * ISO 9001:2008 Registered
- * Discoidal Capacitor Construction

PART NUMBER	EMI P/N	CAP. (pF)	COLOR DOT(S)	MAX. WVDC	DC AMPS	MINIMUM NO LOAD INSERTION LOSS				
						1 MHz	10 MHz	100 MHz	1 GHz	10 GHz
	ZSC000D	0		200	10					
	ZSC050D	5	2 ORANGE	200	10					
	ZSC100D	10	VIOLET	200	10				5	20
	ZSC250D	25	BLUE	200	10				10	25
	ZSC101D	100	GREEN	200	10			3	20	28
	ZSC501D	500	BROWN	200	10			15	35	40
	ZSC102D	1000	WHITE	200	10		5	20	35	45
	ZSC122D	1200	WHITE	200	10		5	20	35	45
	ZSC152D	1500	WHITE	200	10		7	23	37	47
	ZSC272D	2700	RED	200	10	5	10	25	40	50
	ZSC502D	5000	YELLOW	200	10	5	15	30	45	55
	ZSC502B	5000	YELLOW	100	10	5	15	30	45	55
	ZSC103B	10,000	2 WHITE	100	10	6	20	35	50	60
	ZSC153B	15,000	2 WHITE	100	10	8	21	35	55	60
	ZSC273A	27,000	2 RED	50	10	10	28	42	65	65
	ZSC333A	33,000	2 RED	50	10	11	30	44	65	65

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%
 DISSIPATION FACTOR: 3.5% MAX.
 INSULATION RESISTANCE:
 25° C=10,000 Mohm Min.
 125° C=1,000 Mohm Min.
 DIELECTRIC STRENGTH (DWV):
 250% of WVDC (5 seconds)
 TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

DIMENSION TOLERANCE:
 CASE LENGTH: +/- .010" (.250mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)
 MATERIAL AND FINISH:
 CASE: C12L14 CRS
 LEAD: Alloy 52
 FINISH: GOLD per MIL-G-45204
 TYPE II, CLASS 1

IDENTIFICATION & LIMITS

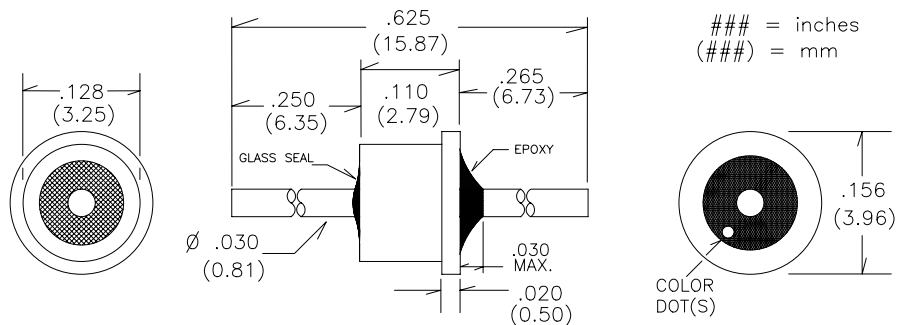
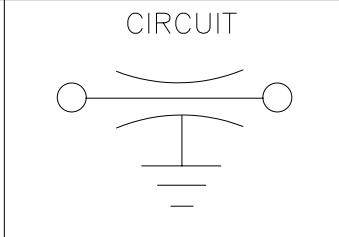
MARKING: Color Dot standard per chart
 OPERATING TEMP: -55° C to +125° C
 INSTALLATION TEMPERATURE: 225°- 250° C

VENDOR:
 EMI FILTER COMPANY
 12750 59th Way N.
 Clearwater, FL 33760
 (727) 585-7990
 (727) 586-5138 FAX
 www.emifiltercompany.com

FILTERS, EMI, SOLDER-IN STYLE,
 STANDARD SEAL

FSCM NO.	DWG NO.	REV
	ZSCs REVC	C

ZSC000D
 INDUSTRY STANDARD .128" DIAMETER
 "0" pF HERMETIC SOLDER-IN



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * Discoidal Capacitor Construction

PART NUMBER	EMI P/N	CAP. (pF)	COLOR DOT(S)	MAX. WVDC	DC AMPS	MINIMUM NO LOAD INSERTION LOSS				
						1 MHz	10 MHz	100 MHz	1 GHz	10 GHz
ZSC000D		0	NONE	200	10	-	-	-	-	-

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%

DISSIPATION FACTOR: 3.5% MAX.

INSULATION RESISTANCE:
 25° C=10,000 Mohm Min.
 125° C=1,000 Mohm Min.

DIELECTRIC STRENGTH (DWV):
 250% of WVDC (5 seconds)

TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

DIMENSION TOLERANCE:
 CASE LENGTH: +/- .010" (.250mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)

MATERIAL AND FINISH:
 CASE: C12L14 CRS
 LEAD: Alloy 52
 FINISH: GOLD per MIL-G-45204
 TYPE II, CLASS 1 (std)

IDENTIFICATION & LIMITS

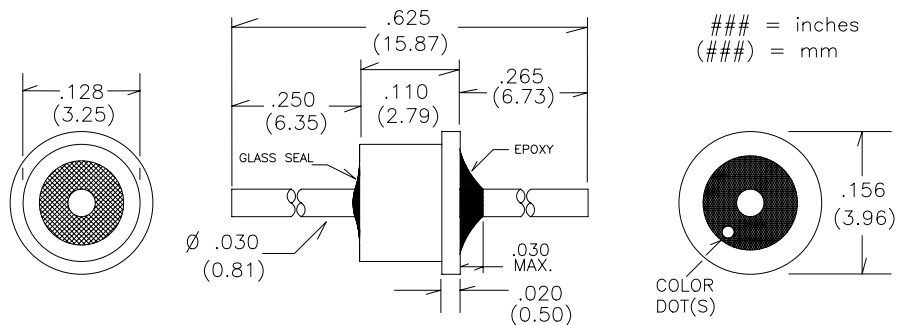
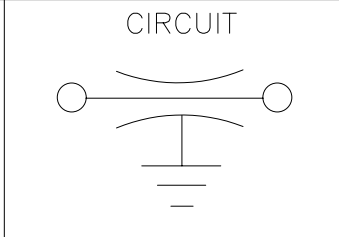
MARKING: Color Dot standard per chart

OPERATING TEMP: -55° C to +125° C

INSTALLATION TEMPERATURE: 225° - 250° C

VENDOR: EMI FILTER COMPANY 12750 59th Way N. Clearwater, FL 33760 (727) 585-7990 (727) 586-5138 FAX www.emifiltercompany.com			FILTERS, EMI, SOLDER-IN STYLE, STANDARD SEAL		
			FSCM NO.	DWG NO. ZSC000D REVC	REV C

ZSC050D
 INDUSTRY STANDARD .128" DIAMETER
 "5pF" HERMETIC SOLDER-IN



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * Discoidal Capacitor Construction

PART NUMBER	EMI P/N	CAP. (pF)	COLOR DOT(S)	MAX. WVDC	DC AMPS	MINIMUM NO LOAD INSERTION LOSS				
						1 MHz	10 MHz	100 MHz	1 GHz	10 GHz
ZSC050D		5	2 ORANGE	200	10	-	-	-	-	-

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%
 DISSIPATION FACTOR: 3.5% MAX.
 INSULATION RESISTANCE:
 25° C=10,000 Mohm Min.
 125° C=1,000 Mohm Min.
 DIELECTRIC STRENGTH (DWV):
 250% of WVDC (5 seconds)
 TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

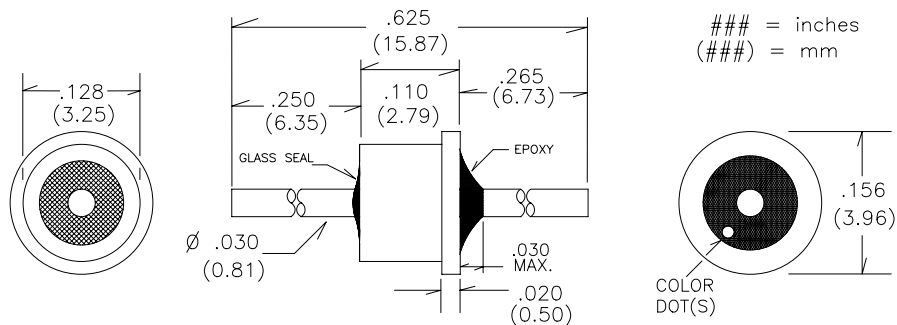
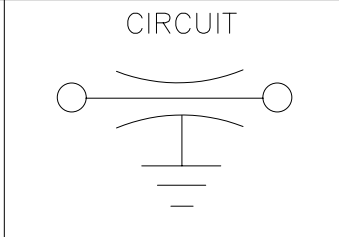
DIMENSION TOLERANCE:
 CASE LENGTH: +/- .010" (.250mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)
 MATERIAL AND FINISH:
 CASE: C12L14 CRS
 LEAD: Alloy 52
 FINISH: GOLD per MIL-G-45204
 TYPE II, CLASS 1 (std)

IDENTIFICATION & LIMITS

MARKING: Color Dot standard per chart
 OPERATING TEMP: -55° C to +125° C
 INSTALLATION TEMPERATURE: 225° - 250° C

VENDOR: EMI FILTER COMPANY 12750 59th Way N. Clearwater, FL 33760 (727) 585-7990 (727) 586-5138 FAX www.emifiltercompany.com			FILTERS, EMI, SOLDER-IN STYLE, STANDARD SEAL		
FSCM NO.	DWG NO. ZSC050D REVC	REV C			

ZSC100D
 INDUSTRY STANDARD .128" DIAMETER
 10pF HERMETIC SOLDER-IN



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * Discoidal Capacitor Construction

PART NUMBER	EMI P/N	CAP. (pF)	COLOR DOT(S)	MAX. WVDC	DC AMPS	MINIMUM NO LOAD INSERTION LOSS				
						1 MHz	10 MHz	100 MHz	1 GHz	10 GHz
ZSC100D		10	VIOLET	200	10	-	-	-	5	20

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%
 DISSIPATION FACTOR: 3.5% MAX.
 INSULATION RESISTANCE:
 25° C=10,000 Mohm Min.
 125° C=1,000 Mohm Min.
 DIELECTRIC STRENGTH (DWV):
 250% of WVDC (5 seconds)
 TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

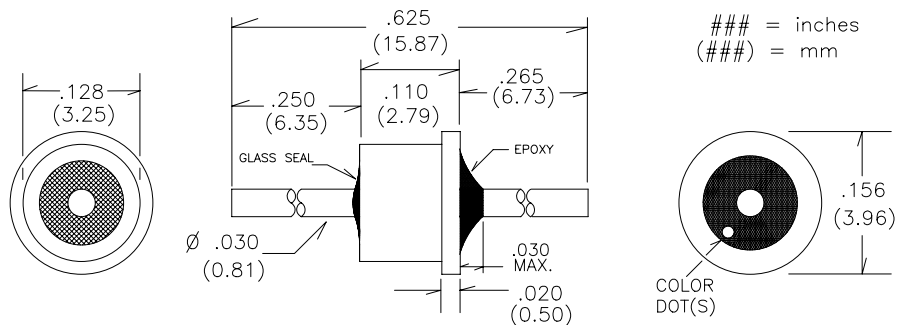
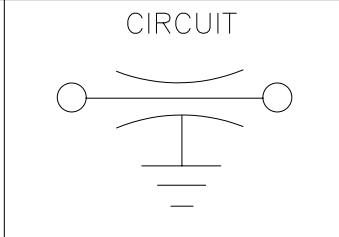
DIMENSION TOLERANCE:
 CASE LENGTH: +/- .010" (.250mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)
 MATERIAL AND FINISH:
 CASE: C12L14 CRS
 LEAD: Alloy 52
 FINISH: GOLD per MIL-G-45204
 TYPE II, CLASS 1 (std)

IDENTIFICATION & LIMITS

MARKING: Color Dot standard per chart
 OPERATING TEMP: -55° C to +125° C
 INSTALLATION TEMPERATURE: 225° - 250° C

VENDOR: EMI FILTER COMPANY 12750 59th Way N. Clearwater, FL 33760 (727) 585-7990 (727) 586-5138 FAX www.emifiltercompany.com			FILTERS, EMI, SOLDER-IN STYLE, STANDARD SEAL		
FSCM NO.	DWG NO. ZSC100D REVC	REV C			

ZSC250D
 INDUSTRY STANDARD .128" DIAMETER
 25pF HERMETIC SOLDER-IN



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * Discoidal Capacitor Construction

PART NUMBER	EMI P/N	CAP. (pF)	COLOR DOT(S)	MAX. WVDC	DC AMPS	MINIMUM NO LOAD INSERTION LOSS				
						1 MHz	10 MHz	100 MHz	1 GHz	10 GHz
ZSC250D		25	BLUE	200	10	-	-	-	10	25

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%

DISSIPATION FACTOR: 3.5% MAX.

INSULATION RESISTANCE:
 25° C=10,000 Mohm Min.
 125° C=1,000 Mohm Min.

DIELECTRIC STRENGTH (DWV):
 250% of WVDC (5 seconds)

TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

DIMENSION TOLERANCE:
 CASE LENGTH: +/- .010" (.250mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)

MATERIAL AND FINISH:
 CASE: C12L14 CRS
 LEAD: Alloy 52
 FINISH: GOLD per MIL-G-45204
 TYPE II, CLASS 1 (std)

IDENTIFICATION & LIMITS

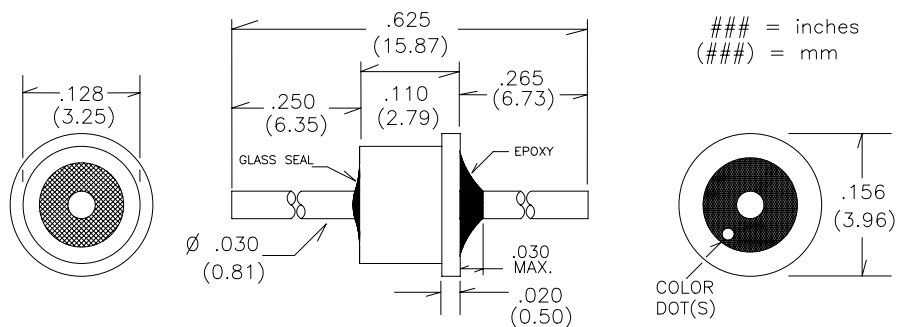
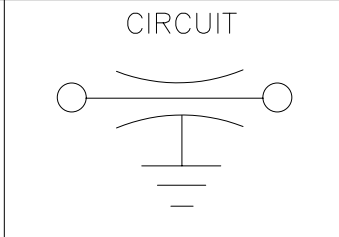
MARKING: Color Dot standard per chart

OPERATING TEMP: -55° C to +125° C

INSTALLATION TEMPERATURE: 225° - 250° C

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ZSC101D
 INDUSTRY STANDARD .128" DIAMETER
 100pF HERMETIC SOLDER-IN



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * Discoidal Capacitor Construction

PART NUMBER	EMI P/N	CAP. (pF)	COLOR DOT(S)	MAX. WVDC	DC AMPS	MINIMUM NO LOAD INSERTION LOSS				
						1 MHz	10 MHz	100 MHz	1 GHz	10 GHz
ZSC101D		100	GREEN	200	10	-	-	3	20	28

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%

DISSIPATION FACTOR: 3.5% MAX.

INSULATION RESISTANCE:
 25° C=10,000 Mohm Min.
 125° C=1,000 Mohm Min.

DIELECTRIC STRENGTH (DWV):
 250% of WVDC (5 seconds)

TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

DIMENSION TOLERANCE:
 CASE LENGTH: +/- .005" (.127mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)

MATERIAL AND FINISH:
 CASE: C12L14 CRS
 LEAD: Alloy 52
 FINISH: GOLD per MIL-G-45204
 TYPE II, CLASS 1 (std)

IDENTIFICATION & LIMITS

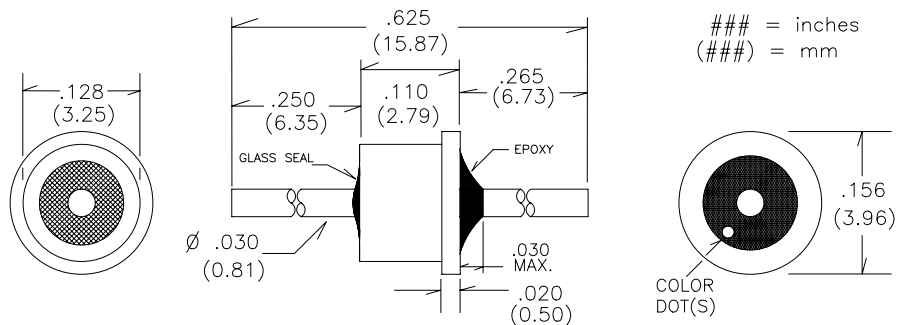
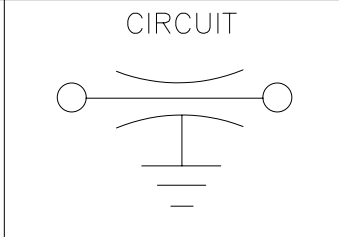
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OPERATING TEMP: -55° C to +125° C

INSTALLATION TEMPERATURE: 225° - 250° C

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			FSCM NO.	DWG NO. ZSC101D REVC	REV C

ZSC501D
 INDUSTRY STANDARD .128" DIAMETER
 500pF HERMETIC SOLDER-IN



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * Discoidal Capacitor Construction

PART NUMBER	EMI P/N	CAP. (pF)	COLOR DOT(S)	MAX. WVDC	DC AMPS	MINIMUM NO LOAD INSERTION LOSS				
						1 MHz	10 MHz	100 MHz	1 GHz	10 GHz
ZSC501D		500	BROWN	200	10	-	-	15	35	40

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%

DISSIPATION FACTOR: 3.5% MAX.

INSULATION RESISTANCE:
 25° C=10,000 Mohm Min.
 125° C=1,000 Mohm Min.

DIELECTRIC STRENGTH (DWV):
 250% of WVDC (5 seconds)

TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

DIMENSION TOLERANCE:
 CASE LENGTH: +/- .010" (.250mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)

MATERIAL AND FINISH:
 CASE: C12L14 CRS
 LEAD: Alloy 52
 FINISH: GOLD per MIL-G-45204
 TYPE II, CLASS 1 (std)

IDENTIFICATION & LIMITS

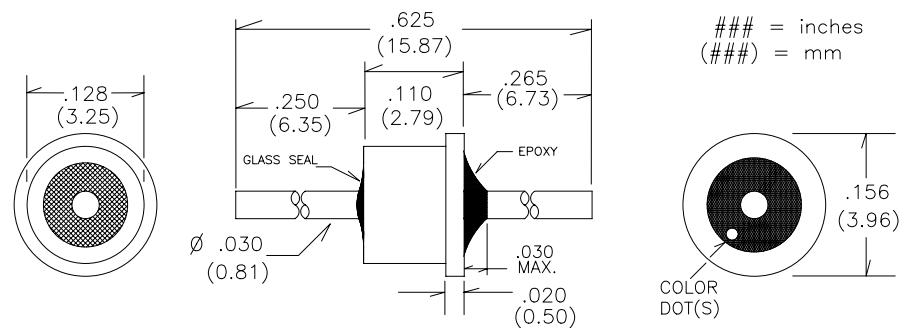
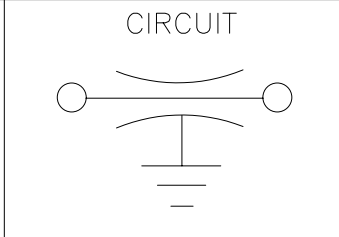
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OPERATING TEMP: -55° C to +125° C

INSTALLATION TEMPERATURE: 225° - 250° C

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			FSCM NO.	DWG NO. ZSC501D REVC	REV C

ZSC102D
 INDUSTRY STANDARD .128" DIAMETER
 1,000pF HERMETIC SOLDER-IN



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * Discoidal Capacitor Construction

PART NUMBER	EMI P/N	CAP. (pF)	COLOR DOT(S)	MAX. WVDC	DC AMPS	MINIMUM NO LOAD INSERTION LOSS				
						1 MHz	10 MHz	100 MHz	1 GHz	10 GHz
ZSC102D		1,000	WHITE	200	10	—	5	20	35	45

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%

DISSIPATION FACTOR: 3.5% MAX.

INSULATION RESISTANCE:
 25° C=10,000 Mohm Min.
 125° C=1,000 Mohm Min.

DIELECTRIC STRENGTH (DWV):
 250% of WVDC (5 seconds)

TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

DIMENSION TOLERANCE:
 CASE LENGTH: +/- .010" (.250mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)

MATERIAL AND FINISH:
 CASE: C12L14 CRS
 LEAD: Alloy 52
 FINISH: GOLD per MIL-G-45204
 TYPE II, CLASS 1 (std)

IDENTIFICATION & LIMITS

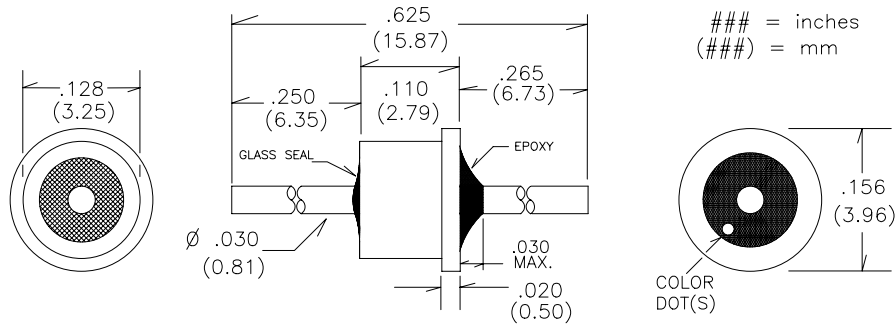
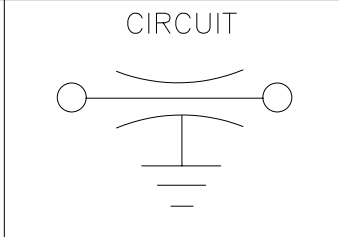
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OPERATING TEMP: -55° C to +125° C

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FSCM NO.	DWG NO. ZSC102D REVC	REV C			

ZSC122D
 INDUSTRY STANDARD .128" DIAMETER
 1,200pF HERMETIC SOLDER-IN



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * Discoidal Capacitor Construction

PART NUMBER	EMI P/N	CAP. (pF)	COLOR DOT(S)	MAX. WVDC	DC AMPS	MINIMUM NO LOAD INSERTION LOSS				
						1 MHz	10 MHz	100 MHz	1 GHz	10 GHz
ZSC122D		1,200	WHITE	200	10	-	5	20	35	45

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%

DISSIPATION FACTOR: 3.5% MAX.

INSULATION RESISTANCE:
 25° C=10,000 Mohm Min.
 125° C=1,000 Mohm Min.

DIELECTRIC STRENGTH (DWV):
 250% of WVDC (5 seconds)

TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

DIMENSION TOLERANCE:
 CASE LENGTH: +/- .010" (.250mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)

MATERIAL AND FINISH:
 CASE: C12L14 CRS
 LEAD: Alloy 52
 FINISH: GOLD per MIL-G-45204
 TYPE II, CLASS 1 (std)

IDENTIFICATION & LIMITS

MARKING: Color Dot standard per chart

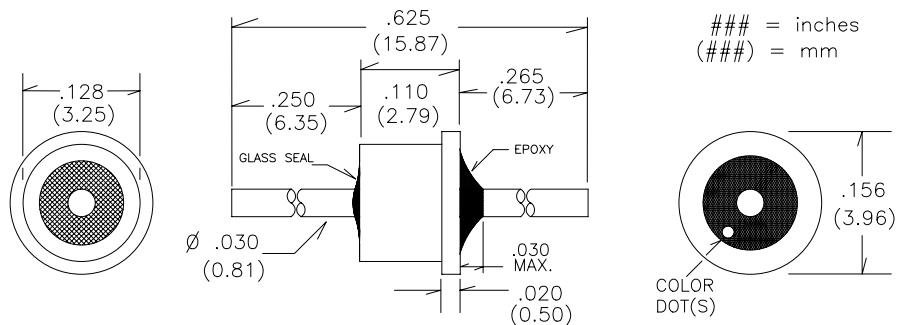
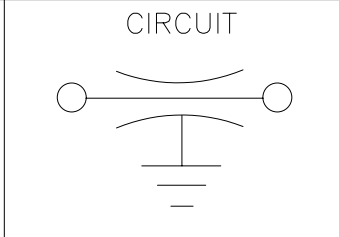
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 Clearwater, FL 33760
 (727) 585-7990
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 www.emifiltercompany.com

FILTERS, EMI, SOLDER-IN STYLE, STANDARD SEAL		
FSCM NO.	DWG NO.	REV
	ZSC122D REVC	C

ZSC152D
 INDUSTRY STANDARD .128" DIAMETER
 1,500pF HERMETIC SOLDER-IN



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * Discoidal Capacitor Construction

PART NUMBER	EMI P/N	CAP. (pF)	COLOR DOT(S)	MAX. WVDC	DC AMPS	MINIMUM NO LOAD INSERTION LOSS				
						1 MHz	10 MHz	100 MHz	1 GHz	10 GHz
ZSC152D		1,500	WHITE	200	10	-	7	23	37	47

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%

DISSIPATION FACTOR: 3.5% MAX.

INSULATION RESISTANCE:
 25° C=10,000 Mohm Min.
 125° C=1,000 Mohm Min.

DIELECTRIC STRENGTH (DWV):
 250% of WVDC (5 seconds)

TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

DIMENSION TOLERANCE:
 CASE LENGTH: +/- .010" (.250mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)

MATERIAL AND FINISH:
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 LEAD: Alloy 52
 FINISH: GOLD per MIL-G-45204
 TYPE II, CLASS 1 (std)

IDENTIFICATION & LIMITS

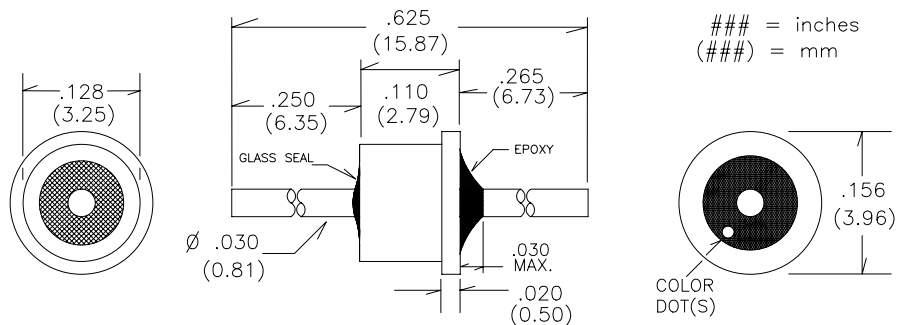
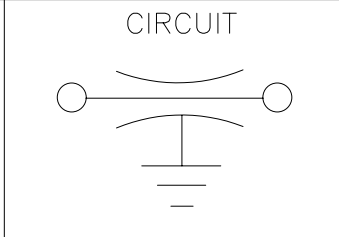
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OPERATING TEMP: -55° C to +125° C

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FSCM NO.	DWG NO. ZSC152D REVC		REV C		

ZSC272D
 INDUSTRY STANDARD .128" DIAMETER
 2,700pF HERMETIC SOLDER-IN



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * Discoidal Capacitor Construction

PART NUMBER	EMI P/N	CAP. (pF)	COLOR DOT(S)	MAX. WVDC	DC AMPS	MINIMUM NO LOAD INSERTION LOSS				
						1 MHz	10 MHz	100 MHz	1 GHz	10 GHz
ZSC272D		2,700	RED	200	10	5	10	25	40	50

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%

DISSIPATION FACTOR: 3.5% MAX.

INSULATION RESISTANCE:
 25° C=10,000 Mohm Min.
 125° C=1,000 Mohm Min.

DIELECTRIC STRENGTH (DWV):
 250% of WVDC (5 seconds)

TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

DIMENSION TOLERANCE:
 CASE LENGTH: +/- .010" (.250mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)

MATERIAL AND FINISH:
 CASE: C12L14 CRS
 LEAD: Alloy 52
 FINISH: GOLD per MIL-G-45204
 TYPE II, CLASS 1 (std)

IDENTIFICATION & LIMITS

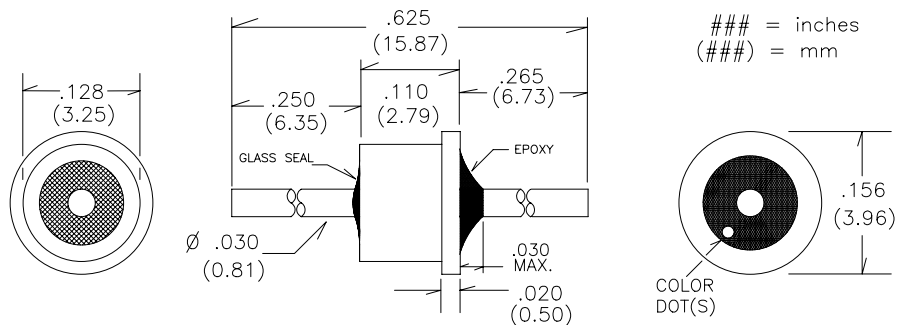
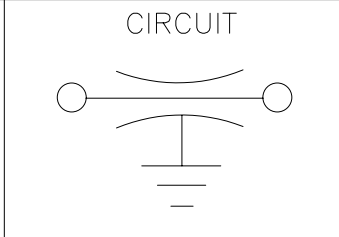
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OPERATING TEMP: -55° C to +125° C

INSTALLATION TEMPERATURE: 225° - 250° C

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ZSC502B
 INDUSTRY STANDARD .128" DIAMETER
 5,000pF HERMETIC SOLDER-IN



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * Discoidal Capacitor Construction

PART NUMBER	EMI P/N	CAP. (pF)	COLOR DOT(S)	MAX. WVDC	DC AMPS	MINIMUM NO LOAD INSERTION LOSS				
						1 MHz	10 MHz	100 MHz	1 GHz	10 GHz
ZSC502B		5,000	YELLOW	100	10	5	15	30	45	55

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%

DISSIPATION FACTOR: 3.5% MAX.

INSULATION RESISTANCE:
 25° C=10,000 Mohm Min.
 125° C=1,000 Mohm Min.

DIELECTRIC STRENGTH (DWV):
 250% of WVDC (5 seconds)

TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

DIMENSION TOLERANCE:
 CASE LENGTH: +/- .010" (.250mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)

MATERIAL AND FINISH:
 CASE: C12L14 CRS
 LEAD: Alloy 52
 FINISH: GOLD per MIL-G-45204
 TYPE II, CLASS 1 (std)

IDENTIFICATION & LIMITS

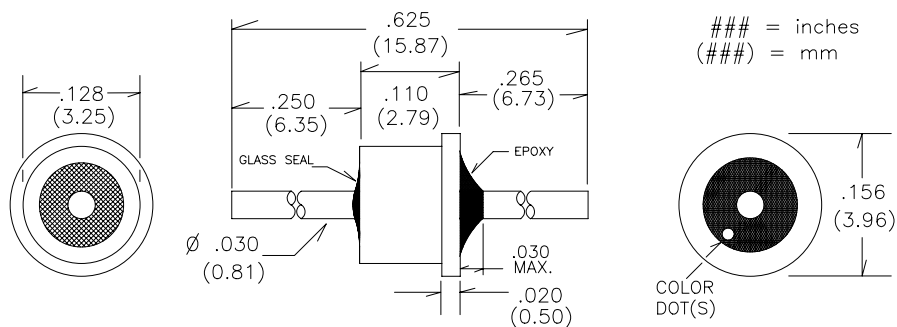
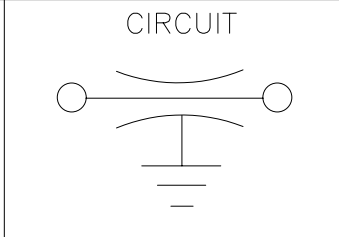
MARKING: Color Dot standard per chart

OPERATING TEMP: -55° C to +125° C

INSTALLATION TEMPERATURE: 225° - 250° C

VENDOR: EMI FILTER COMPANY 12750 59th Way N. Clearwater, FL 33760 (727) 585-7990 (727) 586-5138 FAX www.emifiltercompany.com			FILTERS, EMI, SOLDER-IN STYLE, STANDARD SEAL		
FSCM NO.	DWG NO. ZSC502B REVC		REV C		

ZSC103B
 INDUSTRY STANDARD .128" DIAMETER
 10,000pF HERMETIC SOLDER-IN



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * Discoidal Capacitor Construction

PART NUMBER	EMI P/N	CAP. (pF)	COLOR DOT(S)	MAX. WVDC	DC AMPS	MINIMUM NO LOAD INSERTION LOSS				
						1 MHz	10 MHz	100 MHz	1 GHz	10 GHz
ZSC103B		10,000	2 WHITE	100	10	6	21	35	50	60

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%

DISSIPATION FACTOR: 3.5% MAX.

INSULATION RESISTANCE:
 25° C=10,000 Mohm Min.
 125° C=1,000 Mohm Min.

DIELECTRIC STRENGTH (DWV):
 250% of WVDC (5 seconds)

TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

DIMENSION TOLERANCE:
 CASE LENGTH: +/- .010" (.250mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)

MATERIAL AND FINISH:
 CASE: C12L14 CRS
 LEAD: Alloy 52
 FINISH: GOLD per MIL-G-45204
 TYPE II, CLASS 1 (std)

IDENTIFICATION & LIMITS

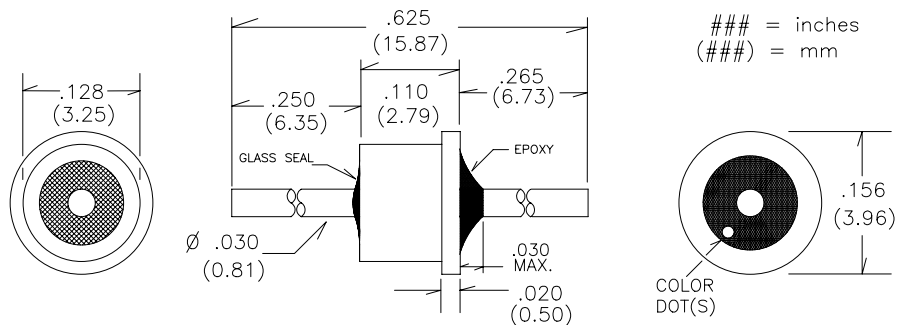
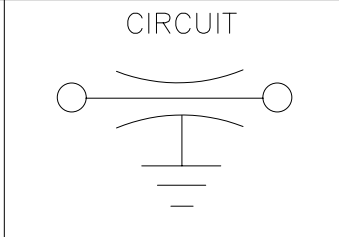
MARKING: Color Dot standard per chart

OPERATING TEMP: -55° C to +125° C

INSTALLATION TEMPERATURE: 225° - 250° C

VENDOR: EMI FILTER COMPANY 12750 59th Way N. Clearwater, FL 33760 (727) 585-7990 (727) 586-5138 FAX www.emifiltercompany.com			FILTERS, EMI, SOLDER-IN STYLE, STANDARD SEAL		
			FSCM NO.	DWG NO. ZSC103B REVC	REV C

ZSC153B
 INDUSTRY STANDARD .128" DIAMETER
 15,000pF HERMETIC SOLDER-IN



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * Discoidal Capacitor Construction

PART NUMBER	EMI P/N	CAP. (pF)	COLOR DOT(S)	MAX. WVDC	DC AMPS	MINIMUM NO LOAD INSERTION LOSS				
						1 MHz	10 MHz	100 MHz	1 GHz	10 GHz
ZSC153B		15,000	2 WHITE	100	10	8	20	35	55	60

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%

DISSIPATION FACTOR: 3.5% MAX.

INSULATION RESISTANCE:
 25° C=10,000 Mohm Min.
 125° C=1,000 Mohm Min.

DIELECTRIC STRENGTH (DWV):
 250% of WVDC (5 seconds)

TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

DIMENSION TOLERANCE:
 CASE LENGTH: +/- .005" (.127mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)

MATERIAL AND FINISH:
 CASE: C12L14 CRS
 LEAD: Alloy 52
 FINISH: GOLD per MIL-G-45204
 TYPE II, CLASS 1 (std)

IDENTIFICATION & LIMITS

MARKING: Color Dot standard per chart

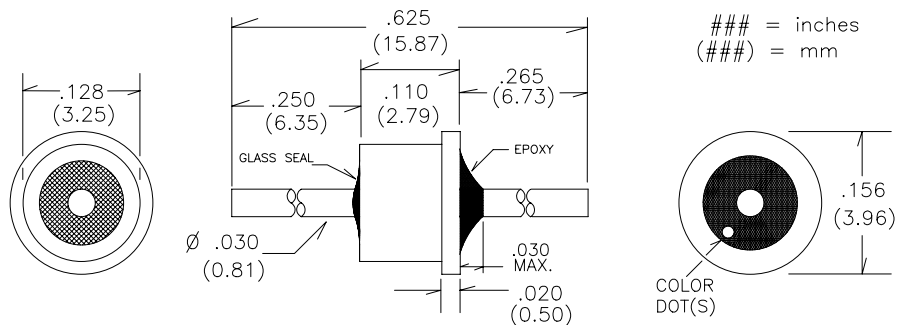
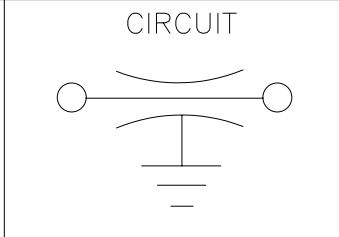
OPERATING TEMP: -55° C to +125° C

INSTALLATION TEMPERATURE: 225° - 250° C

VENDOR:
 EMI FILTER COMPANY
 12750 59th Way N.
 Clearwater, FL 33760
 (727) 585-7990
 (727) 586-5138 FAX
 www.emifiltercompany.com

FILTERS, EMI, SOLDER-IN STYLE, STANDARD SEAL		
FSCM NO.	DWG NO.	REV
	ZSC153B REVC	C

ZSC273A
 INDUSTRY STANDARD .128" DIAMETER
 27,000pF HERMETIC SOLDER-IN



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * Discoidal Capacitor Construction

PART NUMBER	EMI P/N	CAP. (pF)	COLOR DOT(S)	MAX. WVDC	DC AMPS	MINIMUM NO LOAD INSERTION LOSS				
						1 MHz	10 MHz	100 MHz	1 GHz	10 GHz
ZSC273A		27,000	2 RED	50	10	10	28	42	65	65

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%

DISSIPATION FACTOR: 3.5% MAX.

INSULATION RESISTANCE:
 25° C=10,000 Mohm Min.
 125° C=1,000 Mohm Min.

DIELECTRIC STRENGTH (DWV):
 250% of WVDC (5 seconds)

TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

DIMENSION TOLERANCE:
 CASE LENGTH: +/- .010" (.250mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)

MATERIAL AND FINISH:
 CASE: C12L14 CRS
 LEAD: Alloy 52
 FINISH: GOLD per MIL-G-45204
 TYPE II, CLASS 1 (std)

IDENTIFICATION & LIMITS

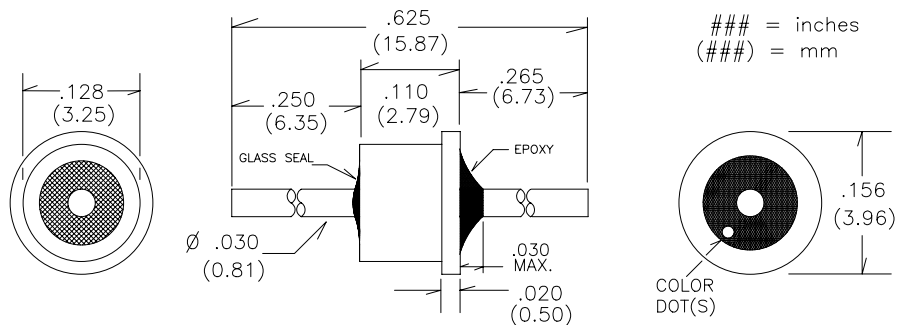
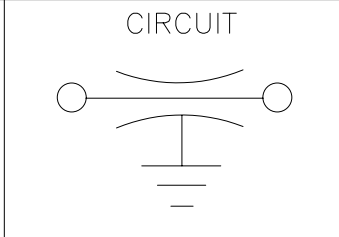
MARKING: Color Dot standard per chart

OPERATING TEMP: -55° C to +125° C

INSTALLATION TEMPERATURE: 225° - 250° C

VENDOR: EMI FILTER COMPANY 12750 59th Way N. Clearwater, FL 33760 (727) 585-7990 (727) 586-5138 FAX www.emifiltercompany.com		FILTERS, EMI, SOLDER-IN STYLE, STANDARD SEAL		
		FSCM NO.	DWG NO. ZSC273A REVC	REV C

ZSC333A
 INDUSTRY STANDARD .128" DIAMETER
 33,000pF HERMETIC SOLDER-IN



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * Discoidal Capacitor Construction

PART NUMBER	EMI P/N	CAP. (pF)	COLOR DOT(S)	MAX. WVDC	DC AMPS	MINIMUM NO LOAD INSERTION LOSS				
						1 MHz	10 MHz	100 MHz	1 GHz	10 GHz
ZSC333A		33,000	2 RED	50	10	10	30	44	65	65

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%

DISSIPATION FACTOR: 3.5% MAX.

INSULATION RESISTANCE:
 25° C=10,000 Mohm Min.
 125° C=1,000 Mohm Min.

DIELECTRIC STRENGTH (DWV):
 250% of WVDC (5 seconds)

TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

DIMENSION TOLERANCE:
 CASE LENGTH: +/- .010" (.250mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)

MATERIAL AND FINISH:
 CASE: C12L14 CRS
 LEAD: Alloy 52
 FINISH: GOLD per MIL-G-45204
 TYPE II, CLASS 1 (std)

IDENTIFICATION & LIMITS

MARKING: Color Dot standard per chart

OPERATING TEMP: -55° C to +125° C

INSTALLATION TEMPERATURE: 225° - 250° C

VENDOR: EMI FILTER COMPANY 12750 59th Way N. Clearwater, FL 33760 (727) 585-7990 (727) 586-5138 FAX www.emifiltercompany.com		FILTERS, EMI, SOLDER-IN STYLE, STANDARD SEAL		
FSCM NO.	DWG NO. ZSC333A REVC	REV C		