



8755 W. Higgins Road
Suite 500
Chicago, Illinois USA 60631

Dec 18th, 2023

**[Updated] Notification of IXYS Power Thyristor & Diode GUPF/I4-Pac/TO-263/SOT-227/
TO247_ISO247_PLUS247_ISOPLUS247 Packaging MOQ/MDQ/DU Change_Dec-18'2023**

To whom it may concern,

This is a updated declaration letter associated to **ESW490-40 - IXYS Thy & Diode I4Pac&GUPF Package; ESW490-44 - IXYS Thy & Diode TO247_ISO247_PLUS247_ISOPLUS247Package; ESW490-47 - IXYS Thy & Diode SOT-227 Package; PCN # ESW490-48 – IXYS Power Thyristor & Diode TO-263 Packaging Location Transfer.** Littelfuse will change the MOQ/MDQ/DU for IXYS Power Thyristor & Diode products aligning to manufacture requirement. Detail affected part number list refer to Appendix.

We value your business and look forward to assisting you whenever possible. Thank you!

Sincerely and Best Regards,

Sophia Lv
Global Product Manager
Thyristor and Rectifier Diode
Semiconductor Business Unit, Wuxi, China
+86 510 85277701 - 7967
slv@littelfuse.com

Appendix --- MOQ change table for Affected Products

		Old	Old	Old	New	New	New
Package	Part Number	MOQ	MDQ	DU	MOQ	MDQ	DU
ISOPLUS I4-Pac	CLA40P1200FC	25	25	25	250	250	250
ISOPLUS I4-Pac	CMA30P1600FC	25	25	25	250	250	250
ISOPLUS I4-Pac	CMA50P1600FC	25	25	25	250	250	250
ISOPLUS I4-Pac	CNA30E2200FB	25	25	25	250	250	250
ISOPLUS I4-Pac	CS20-22MOF1	25	25	25	250	250	250
ISOPLUS I4-Pac	CS20-25MO1F	25	25	25	250	250	250
ISOPLUS I4-Pac	CS9241	25	25	25	250	250	250
ISOPLUS I4-Pac	DHG55I3300FE	25	25	25	250	250	250
ISOPLUS I4-Pac	DHH55-36N1F	25	25	25	250	250	250
ISOPLUS I4-Pac	DNA30E2200FE	25	25	25	250	250	250
ISOPLUS I4-Pac	DPF30U200FC	25	25	25	250	250	250
ISOPLUS I4-Pac	DSEE55-24N1F	25	25	25	250	250	250
ISOPLUS I4-Pac	FBE22-06N1	25	25	25	250	250	250
ISOPLUS I4-Pac	FBO16-12N	25	25	25	250	250	250
ISOPLUS I4-Pac	FBO40-12N	25	25	25	250	250	250
ISOPLUS I4-Pac	FUE30-12N1	25	25	25	250	250	250
ISOPLUS I4-Pac	FUO22-12N	25	25	25	250	250	250
ISOPLUS I4-Pac	FUO22-16N	25	25	25	250	250	250
ISOPLUS I4-Pac	FUO50-16N	25	25	25	250	250	250
GUFP	DMA40U1800GU	14	14	14	140	140	140
GUFP	DNA40U2200GU	14	14	14	140	140	140
GUFP	GUO40-08NO1	14	14	14	140	140	140
GUFP	GUO40-12NO1	14	14	14	140	140	140
GUFP	GUO40-12NO1-UTC	14	14	14	140	140	140
GUFP	GUO40-16NO1	14	14	14	140	140	140
TO-247	CLA100E1200HB	30	30	30	300	300	300
TO-247	CLA30E1200HB	30	30	30	300	300	300
TO-247	CLA50E1200HB	30	30	30	300	300	300

TO-247	CLA60MT1200NHB	30	30	30	300	300	300
TO-247	CLA80MT1200NHB	30	30	30	300	300	300
TO-247	CLE40E1200HB	30	30	30	300	300	300
TO-247	CMA50E1600HB	30	30	30	300	300	300
TO-247	CMA80E1600HB	30	30	30	300	300	300
TO-247	CMA80MT1600NHB	30	30	30	300	300	300
TO-247	CS20-12IO1	30	30	30	300	300	300
TO-247	CS20-14IO1	30	30	30	300	300	300
TO-247	CS20-14IO1-DIE-COA	30	30	30	300	300	300
TO-247	CS20-16IO1	30	30	30	300	300	300
TO-247	CS20-16IO1-DIE-COA	30	30	30	300	300	300
TO-247	CS30-12IO1	30	30	30	300	300	300
TO-247	CS30-14IO1	30	30	30	300	300	300
TO-247	CS30-14IO1-DIE-COA	30	30	30	300	300	300
TO-247	CS30-16IO1	30	30	30	300	300	300
TO-247	CS30-16IO1-DIE-COA	30	30	30	300	300	300
TO-247	CS45-08IO1	30	30	30	300	300	300
TO-247	CS45-12IO1	30	30	30	300	300	300
TO-247	CS45-16IO1	30	30	30	300	300	300
TO-247	CLB30I1200HB	30	30	30	300	300	300
TO-247	CMA60MT1600NHB	30	30	30	300	300	300
TO-247	CLA120E1200HB	30	30	30	300	300	300
TO-247	CLA40E1200NHB	30	30	30	300	300	300
TO-247	CLA50E1200AHB	30	30	30	300	300	300
TO-247	CMA80E1400HB	30	30	30	300	300	300
TO-247	DPG60C300HB	30	30	30	300	300	300
TO-247	DSEI30-06A	30	30	30	300	300	300
TO-247	DSI45-12A	30	30	30	300	300	300
TO-247	DSEI60-06A	30	30	30	300	300	300
TO-247	DSP45-12A	30	30	30	300	300	300
TO-247	DSEP30-06B	30	30	30	300	300	300
TO-247	DSEP60-06A	30	30	30	300	300	300
TO-247	DSEI30-10A	30	30	30	300	300	300
TO-247	DSEC30-06A	30	30	30	300	300	300
TO-247	DSEK60-06A	30	30	30	300	300	300
TO-247	DPG30C400HB	30	30	30	300	300	300
TO-247	DLA60I1200HA	30	30	30	300	300	300
TO-247	DSEI60-10A	30	30	30	300	300	300
TO-247	DPG60I400HA	30	30	30	300	300	300
TO-247	DPG60C400HB	30	30	30	300	300	300
TO-247	DSEP30-06A	30	30	30	300	300	300
TO-247	DSA90C200HB	30	30	30	300	300	300
TO-247	DSEI60-12A	30	30	30	300	300	300
TO-247	DSEI30-12A	30	30	30	300	300	300
TO-247	DSP25-12A	30	30	30	300	300	300
TO-247	DSEP60-12A	30	30	30	300	300	300

TO-247	DSEC60-06A	30	30	30	300	300	300
TO-247	DSEP30-12B	30	30	30	300	300	300
TO-247	DSSK60-015A	30	30	30	300	300	300
TO-247	DSEI120-06A	30	30	30	300	300	300
TO-247	DSI45-16A	30	30	30	300	300	300
TO-247	DPG30C300HB	30	30	30	300	300	300
TO-247	DSA70C200HB	30	30	30	300	300	300
TO-247	DSP45-16A	30	30	30	300	300	300
TO-247	DSEK60-02A	30	30	30	300	300	300
TO-247	DPG80C400HB	30	30	30	300	300	300
TO-247	DSSK60-02A	30	30	30	300	300	300
TO-247	DSEP30-12A	30	30	30	300	300	300
TO-247	DPG30I400HA	30	30	30	300	300	300
TO-247	DSSK30-018A	30	30	30	300	300	300
TO-247	DSEI60-02A	30	30	30	300	300	300
TO-247	DSEI120-12A	30	30	30	300	300	300
TO-247	DSP25-16A	30	30	30	300	300	300
TO-247	DPG80C300HB	30	30	30	300	300	300
TO-247	DSA70C150HB	30	30	30	300	300	300
TO-247	DH60-18A	30	30	30	300	300	300
TO-247	DSSK50-01A	30	30	30	300	300	300
TO-247	DSSK70-008A	30	30	30	300	300	300
TO-247	DSA60C60HB	30	30	30	300	300	300
TO-247	DMA50P1600HB	30	30	30	300	300	300
TO-247	DSEC60-12A	30	30	30	300	300	300
TO-247	DSDI60-18A	30	30	30	300	300	300
TO-247	DSSK80-0008D	30	30	30	300	300	300
TO-247	DSSK80-006B	30	30	30	300	300	300
TO-247	DSSK80-0045B	30	30	30	300	300	300
TO-247	DH40-18A	30	30	30	300	300	300
TO-247	DSS60-0045B	30	30	30	300	300	300
TO-247	DHG30I600HA	30	30	30	300	300	300
TO-247	DSA30C100HB	30	30	30	300	300	300
TO-247	DSSK80-003B	30	30	30	300	300	300
TO-247	DSA50C100HB	30	30	30	300	300	300
TO-247	DPG30C200HB	30	30	30	300	300	300
TO-247	DH20-18A	30	30	30	300	300	300
TO-247	DSDI60-16A	30	30	30	300	300	300
TO-247	DSA50C150HB	30	30	30	300	300	300
TO-247	DSSK80-0025B	30	30	30	300	300	300
TO-247	DPG60C200HB	30	30	30	300	300	300
TO-247	DMA30E1800HA	30	30	30	300	300	300
TO-247	DSEC30-12A	30	30	30	300	300	300
TO-247	DSEK60-12A	30	30	30	300	300	300
TO-247	DSEE30-12A	30	30	30	300	300	300
TO-247	DSI45-08A	30	30	30	300	300	300
TO-247	DMA80IM1600HB	30	30	30	300	300	300
TO-247	DMA50P1200HB	30	30	30	300	300	300
TO-247	DSEC30-06B	30	30	30	300	300	300
TO-247	DSSK40-006B	30	30	30	300	300	300

TO-247	DH60-16A	30	30	30	300	300	300
TO-247	DPG60I300HA	30	30	30	300	300	300
TO-247	DPF60C300HB	30	30	30	300	300	300
TO-247	DPG30I300HA	30	30	30	300	300	300
TO-247	DSA70C100HB	30	30	30	300	300	300
TO-247	DHG30I1200HA	30	30	30	300	300	300
TO-247	DHG40C1200HB	30	30	30	300	300	300
TO-247	DMA30P1600HB	30	30	30	300	300	300
TO-247	DHG60I1200HA	30	30	30	300	300	300
TO-247	DSB80C45HB	30	30	30	300	300	300
TO-247	DSSK40-008B	30	30	30	300	300	300
TO-247	DPF60C200HB	30	30	30	300	300	300
TO-247	DSSK30-01A	30	30	30	300	300	300
TO-247	DSSK60-0045B	30	30	30	300	300	300
TO-247	DSSK50-015A	30	30	30	300	300	300
TO-247	DSSK70-0015B	30	30	30	300	300	300
TO-247	DSP45-18A	30	30	30	300	300	300
TO-247	DHG20I1200HA	30	30	30	300	300	300
TO-247	DPF80C200HB	30	30	30	300	300	300
TO-247	DSEC60-06B	30	30	30	300	300	300
TO-247	DSA30C150HB	30	30	30	300	300	300
TO-247	DSDI60-14A	30	30	30	300	300	300
TO-247	DSA60C45HB	30	30	30	300	300	300
TO-247	DSSK60-0045A	30	30	30	300	300	300
TO-247	DSSK40-0015B	30	30	30	300	300	300
TO-247	DPF60IM400HB	30	30	30	300	300	300
TO-247	DHG40C600HB	30	30	30	300	300	300
TO-247	DSEP60-12B	30	30	30	300	300	300
TO-247	DMA50I1600HA	30	30	30	300	300	300
TO-247	DMA50I1200HA	30	30	30	300	300	300
TO-247	DMA50I800HA	30	30	30	300	300	300
TO-247	DHG60C600HB	30	30	30	300	300	300
TO-247	DH60-14A	30	30	30	300	300	300
TO-247	DSS40-0008D	30	30	30	300	300	300
TO-247	DFE60C600AHB	30	30	30	300	300	300
TO-247	DHG60I600HA	30	30	30	300	300	300
TO-247	DHG20I600HA	30	30	30	300	300	300
TO-247	DFE25I600HA	30	30	30	300	300	300
TO-247	DMA30P1200HB	30	30	30	300	300	300
TO-247	DPF60I200HA	30	30	30	300	300	300
TO-247	DSSK70-003B	30	30	30	300	300	300
TO-247	DSSK50-0025B	30	30	30	300	300	300
TO-247	DSEP60-06B	30	30	30	300	300	300
TO-247	DSB60C60HB	30	30	30	300	300	300
TO-247	DSB60C45HB	30	30	30	300	300	300
TO-247	DSB60C30HB	30	30	30	300	300	300
TO-247	DSB30C45HB	30	30	30	300	300	300
TO-247	DSA80C45HB	30	30	30	300	300	300
TO-247	DSA30C45HB	30	30	30	300	300	300
TO-247	DMA80I1600HA	30	30	30	300	300	300

TO-247	DPG30I600AHA	30	30	30	300	300	300
TO-247	DPG60C600AHB	30	30	30	300	300	300
SOT-227	CLA100PD1200NA	10	10	10	100	100	100
SOT-227	CLA110MB1200NA	10	10	10	100	100	100
SOT-227	CMA80PD1600NA	10	10	10	100	100	100
SOT-227	DFE250X600NA	10	10	10	100	100	100
SOT-227	DMA100A1600NB	10	10	10	100	100	100
SOT-227	DMA150E1600NA	10	10	10	100	100	100
SOT-227	DMA150YA1600NA	10	10	10	100	100	100
SOT-227	DMA200X1600NA	10	10	10	100	100	100
SOT-227	DMA240YA1600NA	10	10	10	100	100	100
SOT-227	DMA240YC1600NA	10	10	10	100	100	100
SOT-227	DPF240X200NA	10	10	10	100	100	100
SOT-227	DSEC240-04A	10	10	10	100	100	100
SOT-227	DSEP2X61-03A	10	10	10	100	100	100
SOT-227	MCD40-12IO6	10	10	10	100	100	100
SOT-227	MCO100-12IO1	10	10	10	100	100	100
SOT-227	MCO150-12IO1	10	10	10	100	100	100
SOT-227	MMO62-12IO6	10	10	10	100	100	100
SOT-227	MMO74-12IO6	10	10	10	100	100	100
SOT-227	MMO74-12IO6Y	10	10	10	100	100	100
SOT-227	MMO90-14IO6	10	10	10	100	100	100
SOT-227	MMO90-16IO6	10	10	10	100	100	100
SOT-227	VBE60-06A	10	10	10	100	100	100
SOT-227	DSEI2X121-02Y	10	10	10	100	100	100
SOT-227	DPF240X400NA	10	10	10	100	100	100
SOT-227	DMA150YC1600NA	10	10	10	100	100	100
SOT-227	DSS2X41-01A	10	10	10	100	100	100
SOT-227	DPJ50XS1800NA	10	10	10	100	100	100
SOT-227	DSEP2X31-03A	10	10	10	100	100	100
SOT-227	DSEP2X31-06B	10	10	10	100	100	100
SOT-227	DHG100X1200NA	10	10	10	100	100	100
SOT-227	DSEP2X60-12A	10	10	10	100	100	100
SOT-227	DH2X60-18A	10	10	10	100	100	100
SOT-227	DMA200XA1600NA	10	10	10	100	100	100
SOT-227	DFE240X600NA	10	10	10	100	100	100
SOT-227	VBE60-12A	10	10	10	100	100	100
SOT-227	DNA90YA2200NA	10	10	10	100	100	100
SOT-227	DSA240X200NA	10	10	10	100	100	100
SOT-227	DNA90YC2200NA	10	10	10	100	100	100
SOT-227	DAA200XA1800NA	10	10	10	100	100	100
SOT-227	DHG50X1200NA	10	10	10	100	100	100
SOT-227	DSEC240-06A	10	10	10	100	100	100
SOT-227	DAA200X1800NA	10	10	10	100	100	100
SOT-227	DSS2X160-01A	10	10	10	100	100	100
SOT-227	DSA240X150NA	10	10	10	100	100	100
SOT-227	MCD40-16IO6	10	10	10	100	100	100
SOT-227	MMO74-16IO6	10	10	10	100	100	100
SOT-227	MMO62-16IO6	10	10	10	100	100	100
SOT-227	MCO50-16IO1	10	10	10	100	100	100

SOT-227	MCO100-16IO1	10	10	10	100	100	100
SOT-227	MCO150-16IO1	10	10	10	100	100	100
SOT-227	MCO50-12IO1	10	10	10	100	100	100
SOT-227	MCO75-12IO1	10	10	10	100	100	100
SOT-227	MCO75-16IO1	10	10	10	100	100	100
SOT-227	CLA60PD1200NA	10	10	10	100	100	100
SOT-227	MMO90-12IO6	10	10	10	100	100	100
SOT-227	DH2X61-18A	10	10	10	100	100	100
SOT-227	DHG100X600NA	10	10	10	100	100	100
SOT-227	DHG100X650NA	10	10	10	100	100	100
SOT-227	DHG50X650NA	10	10	10	100	100	100
SOT-227	DMA200YA1600NA	10	10	10	100	100	100
SOT-227	DMA200YC1600NA	10	10	10	100	100	100
SOT-227	DSA320A100NB	10	10	10	100	100	100
SOT-227	DSEI2X101-06A	10	10	10	100	100	100
SOT-227	DSEI2X101-12A	10	10	10	100	100	100
SOT-227	DSEI2X121-02A	10	10	10	100	100	100
SOT-227	DSEI2X30-04C	10	10	10	100	100	100
SOT-227	DSEI2X30-06C	10	10	10	100	100	100
SOT-227	DSEI2X30-10B	10	10	10	100	100	100
SOT-227	DSEI2X30-12B	10	10	10	100	100	100
SOT-227	DSEI2X31-04C	10	10	10	100	100	100
SOT-227	DSEI2X31-06C	10	10	10	100	100	100
SOT-227	DSEI2X31-10B	10	10	10	100	100	100
SOT-227	DSEI2X31-12B	10	10	10	100	100	100
SOT-227	DSEI2X60-04C	10	10	10	100	100	100
SOT-227	DSEI2X61-02A	10	10	10	100	100	100
SOT-227	DSEI2X61-04C	10	10	10	100	100	100
SOT-227	DSEI2X61-06C	10	10	10	100	100	100
SOT-227	DSEI2X61-10B	10	10	10	100	100	100
SOT-227	DSEI2X61-12B	10	10	10	100	100	100
SOT-227	DSEK300-06A	10	10	10	100	100	100
SOT-227	DSEP2X101-04A	10	10	10	100	100	100
SOT-227	DSEP2X25-12C	10	10	10	100	100	100
SOT-227	DSEP2X31-06A	10	10	10	100	100	100
SOT-227	DSEP2X31-12A	10	10	10	100	100	100
SOT-227	DSEP2X61-06A	10	10	10	100	100	100
SOT-227	DSEP2X61-12A	10	10	10	100	100	100
SOT-227	DSEP2X61-12B	10	10	10	100	100	100
SOT-227	DSEP2X91-03A	10	10	10	100	100	100
SOT-227	DSEP2X91-06A	10	10	10	100	100	100
SOT-227	DSI2X55-12A	10	10	10	100	100	100
SOT-227	DSI2X55-16A	10	10	10	100	100	100
SOT-227	DSS2X101-015A	10	10	10	100	100	100
SOT-227	DSS2X101-02A	10	10	10	100	100	100
SOT-227	DSS2X111-008A	10	10	10	100	100	100
SOT-227	DSS2X121-0045B	10	10	10	100	100	100
SOT-227	DSS2X160-0045A	10	10	10	100	100	100
SOT-227	DSS2X61-0045A	10	10	10	100	100	100
SOT-227	DSS2X61-01A	10	10	10	100	100	100

SOT-227	DSS2X81-0045B	10	10	10	100	100	100
SOT-227	MCO25-12IO1	10	10	10	100	100	100
SOT-227	MCO25-16IO1	10	10	10	100	100	100
SOT-227	VBO40-08NO6	10	10	10	100	100	100
SOT-227	VBO40-12NO6	10	10	10	100	100	100
SOT-227	VBO40-16NO6	10	10	10	100	100	100
SOT-227	DSEI2X101-12A-REG	10	10	10	100	100	100
TO-263 (HV)	CS1854-TRL	800	800	800	800	800	800
TO-263 (HV)	DLA40IM800PC-TRL	800	800	800	800	800	800
TO-263 (HV)	DMA10P1600PZ-TRL	800	800	800	800	800	800
TO-263 (HV)	DPG60C300PC-TRL	800	800	800	800	800	800
TO-263 (HV)	DSEC16-12AS-TRL	800	800	800	800	800	800
TO-263 (HV)	DPG60IM300PC-TRL	800	800	800	800	800	800
TO-263 (HV)	DSI30-08AS-TRL	800	800	800	800	800	800
TO-263 (HV)	DSI30-16AS-TRL	800	800	800	800	800	800
TO-263 (HV)	DSP8-12S-TRL	800	800	800	800	800	800
TO-263 (HV)	DPG20C400PC-TRL	800	800	800	800	800	800
TO-263 (HV)	DSEP40-03AS-TRL	800	800	800	800	800	800
TO-263 (HV)	DSEP29-06AS-TRL	800	800	800	800	800	800
TO-263 (HV)	DSEP12-12AZ-TRL	800	800	800	800	800	800
TO-263 (HV)	DSI30-12AS-TRL	800	800	800	800	800	800
TO-263 (HV)	DSP8-08AS-TRL	800	800	800	800	800	800
TO-263 (HV)	DSP8-08S-TRL	800	800	800	800	800	800
TO-263 (HV)	DMA30IM1600PZ-TRL	800	800	800	800	800	800
TO-263 (HV)	DSEI8-06AS-TRL	800	800	800	800	800	800
TO-263 (HV)	DSEP12-12BZ-TRL	800	800	800	800	800	800
TO-263 (HV)	DSEI36-06AS-TRL	800	800	800	800	800	800
TO-263 (HV)	DSI30-08AS-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DNA30EM2200PZ-TRL	800	800	800	800	800	800
TO-263 (HV)	DPG30C300PC-TRL	800	800	800	800	800	800
TO-263 (HV)	DSP8-08S-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DSI30-16AS-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DPG30C200PC-TRL	800	800	800	800	800	800
TO-263 (HV)	DNA30E2200PZ-TRL	800	800	800	800	800	800
TO-263 (HV)	DSEI8-06AS-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DSEI19-06AS-TRL	800	800	800	800	800	800
TO-263 (HV)	DNA30EM2200PZ-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DSSK28-01AS-TRL	800	800	800	800	800	800
TO-263 (HV)	DSI30-12AS-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DSP8-12AS-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DPG60C300PC-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DLA20IM800PC-TRL	800	800	800	800	800	800
TO-263 (HV)	DLA40IM800PC-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DSEI36-06AS-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DSP8-08AS-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DPG60IM300PC-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DSEP15-06AS-TRL	800	800	800	800	800	800

TO-263 (HV)	DSP8-12AS-TRL	800	800	800	800	800	800
TO-263 (HV)	DSEI19-06AS-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DAA10EM1800PZ-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DSEP12-12AZ-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DSEI25-06AS-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DLA20IM800PC-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DMA30IM1600PZ-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DHG30IM600PC-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DPG30IM400PC-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DSEC16-12AS-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DSEP15-06AS-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DNA30E2200PZ-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DPG30C200PC-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DSEP40-03AS-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DPG30C300PC-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DSEP29-06AS-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	CLA30MT1200NPZ-TRL	800	800	800	800	800	800
TO-263 (HV)	CME30E1600PZ-TRL	800	800	800	800	800	800
TO-263 (HV)	CLE20E1200PC-TRL	800	800	800	800	800	800
TO-263 (HV)	CLA15E1200NPZ-TRL	800	800	800	800	800	800
TO-263 (HV)	CLA30E1200NPZ-TRL	800	800	800	800	800	800
TO-263 (HV)	CLA30E1200PC-TRL	800	800	800	800	800	800
TO-263 (HV)	CLB30I1200PZ-TRL	800	800	800	800	800	800
TO-263 (HV)	CMA30E1600PZ-TRL	800	800	800	800	800	800
TO-263 (HV)	CS19-08HO1S-TRL	800	800	800	800	800	800
TO-263 (HV)	CS19-12HO1S-TRL	800	800	800	800	800	800
TO-263 (HV)	CMA20E1600PZ-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	CLA40E1200NPZ-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	CS19-12HO1S-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	CLA40MT1200NPZ-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	CLA30MT1200NPZ-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	CLA15E1200NPZ-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	CLA5E1200PZ-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DAA10EM1800PZ-TRL	800	800	800	800	800	800
TO-263 (HV)	DAA10P1800PZ-TRL	800	800	800	800	800	800
TO-263 (HV)	DAA10P1800PZ-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DHG30IM600PC-TRL	800	800	800	800	800	800
TO-263 (HV)	DMA10IM1600PZ-TRL	800	800	800	800	800	800
TO-263 (HV)	DMA10IM1600PZ-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DMA10P1600PZ-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DMA10P1800PZ-TRL	800	800	800	800	800	800

TO-263 (HV)	DMA10P1800PZ-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DPG20C400PC-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DPG30IM300PC-TRL	800	800	800	800	800	800
TO-263 (HV)	DPG30IM300PC-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DPG30IM400PC-TRL	800	800	800	800	800	800
TO-263 (HV)	DSA30C150PC-TRL	800	800	800	800	800	800
TO-263 (HV)	DSA30C200PC-TRL	800	800	800	800	800	800
TO-263 (HV)	DSA30C45PC-TRL	800	800	800	800	800	800
TO-263 (HV)	DSEI12-06AS-TRL	800	800	800	800	800	800
TO-263 (HV)	DSEI12-06AS-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DSEI12-12AZ-TRL	800	800	800	800	800	800
TO-263 (HV)	DSEI12-12AZ-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DSEI25-06AS-TRL	800	800	800	800	800	800
TO-263 (HV)	DSEP12-12BZ-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DSEP15-06BS-TRL	800	800	800	800	800	800
TO-263 (HV)	DSEP15-06BS-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DSP8-12S-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	DSS10-01AS-TRL	800	800	800	800	800	800
TO-263 (HV)	DSS16-0045AS-TRL	800	800	800	800	800	800
TO-263 (HV)	DSS16-01AS-TRL	800	800	800	800	800	800
TO-263 (HV)	CLA20EF1200PZ-TRL	800	800	800	800	800	800
TO-263 (HV)	CLA20EF1200PZ-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	CLA30E1200NPZ-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	CLA30E1200PC-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	CLA40E1200NPZ-TRL	800	800	800	800	800	800
TO-263 (HV)	CLA40MT1200NPZ-TRL	800	800	800	800	800	800
TO-263 (HV)	CLA5E1200PZ-TRL	800	800	800	800	800	800
TO-263 (HV)	CLB30I1200PZ-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	CLB40I1200PZ-TRL	800	800	800	800	800	800
TO-263 (HV)	CLB40I1200PZ-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	CLE20E1200PC-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	CMA20E1600PZ-TRL	800	800	800	800	800	800
TO-263 (HV)	CMA30E1600PZ-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	CME30E1600PZ-TUB	50	1400	1400	1400	1400	1400
TO-263 (HV)	CS19-08HO1S-TUB	50	1400	1400	1400	1400	1400
PLUS247	CS60-16IO1	30	30	30	300	300	300
PLUS247	CLA80E1200HF	30	30	30	300	300	300
PLUS247	CS60-14IO1-SMD	30	30	30	300	300	300
PLUS247	CS60-16IO1-SMD	30	30	30	300	300	300
PLUS247	CS60-12IO1	30	30	30	300	300	300
ISO(PLUS) 247	CS60-16IO1R	30	30	30	300	300	300
ISO(PLUS) 247	DSI45-16AR	30	30	30	300	300	300
ISO(PLUS) 247	DPG60C300HJ	30	30	30	300	300	300
ISO(PLUS) 247	DPH30IS600HI	30	30	30	300	300	300

ISO(PLUS) 247	DSEI30-10AR	30	30	30	300	300	300
ISO(PLUS) 247	DSEK60-02AR	30	30	30	300	300	300
ISO(PLUS) 247	DSEP30-06BR	30	30	30	300	300	300
ISO(PLUS) 247	DSEP30-12AR	30	30	30	300	300	300
ISO(PLUS) 247	DSEP30-12CR	30	30	30	300	300	300
ISO(PLUS) 247	DSIK45-16AR	30	30	30	300	300	300
ISO(PLUS) 247	DSS17-06CR	30	30	30	300	300	300
ISO(PLUS) 247	DSSK60-015AR	30	30	30	300	300	300
ISO(PLUS) 247	DSSK60-02AR	30	30	30	300	300	300
ISO(PLUS) 247	CS45-16IO1R	30	30	30	300	300	300
ISO(PLUS) 247	DSP25-16AR	30	30	30	300	300	300
ISO(PLUS) 247	DSEP60-12AR	30	30	30	300	300	300
ISO(PLUS) 247	DSP45-16AR	30	30	30	300	300	300
ISO(PLUS) 247	DSEP15-12CR	30	30	30	300	300	300