

**ELECTRONIC DEVICES INC YONKERS NEW YORK USA**

**RoHS and Lead-free Information**

as of March, 2005

\*) RoHS compatible is defined as compatible with the following documents:

DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment COM (2004) 606 final Proposal for a COUNCIL DECISION amending Directive 2002/95/EC of the European Parliament and of the Council for the purposes of establishing the maximum concentration values for certain hazardous substances in electrical and electronic equipment

ELECTRONIC DEVICES Product Family	Product Types	RANGE OF ORDERING CODE	RoHS information					Resistance to soldering heat resistance according:				Soldering conditions			
			ROHS compatible*)	Planned start of production of RoHS compatible components	3rd party certification available (ICP data)	RoHS compatible since date code or Start of Production	Samples of ROHS compatible components available	IEC 60068-2-20 (wave soldering)	IEC 60068-2-58 (Reflow)	JEDEC 20B (Reflow)	JEDEC 20C (Reflow)	Maximum temperature / peak time / cycles	Soldering compatible (lead based soldering process) if Pb free terminals	MSL (Jedec 20 B/C)	Plating of terminals of ROHS compatible component
100CYL	100CYL150, 100CYL175, 100CYL200	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	SCREW ON
10PH	10PH05, 10PH10, 10PH20, 10PH40, 10PH60, 10PH80, 10PH100	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
200CYL	200CYL150, 200CYL175, 200CYL200	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SCREW ON
3RUS	3RUS2120, 3RUS2150, 3RUS2180, 3RUS4120, 3RUS4150, 3RUS4180	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
3RW*	3RW2, 3RW2.5, 3RW3	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
3W*	3W2, 3W2.5, 3W3	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
4PH	4PH05, 4PH10, 4PH20, 4PH40, 4PH60, 4PH80, 4PH100	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
6PH	6PH05, 6PH10, 6PH20, 6PH40, 6PH60, 6PH80, 6PH100	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
6PHR*	6PHR05, 6PHR10, 6PHR20, 6PHR40, 6PHR60, 6PHR80, 6PHR100	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
8PH*	8PH05, 8PH10, 8PH20, 8PH40, 8PH60, 8PH80, 8PH100	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
BCD	BCD08, BCD10, BCD12, BCD15, BCD20, BCD25, BCD30, BCD35, BCD40, BCD50	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
BRUS1*	BRUS105, BRUS110, BRUS120, BRUS140, BRUS150, BRUS180	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
BRUS2*	BRUS205, BRUS210, BRUS220, BRUS240, BRUS250, BRUS260	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
BRUS2*F	BRUS205F, BRUS210F, BRUS220F, BRUS240F, BRUS250F, BRUS260F	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
BRUS3*	BRUS305, BRUS310, BRUS320, BRUS340, BRUS350, BRUS360	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
BRUS3*W	BRUS305W, BRUS310W, BRUS320W, BRUS340W, BRUS350W, BRUS360W	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
BRUS4*	BRUS405, BRUS410, BRUS420, BRUS440, BRUS450, BRUS460	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
BRUS4*W	BRUS405W, BRUS410W, BRUS420W, BRUS440W, BRUS450W, BRUS460W	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
BRUS5*	BRUS505, BRUS510, BRUS520, BRUS540, BRUS550, BRUS560	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
BRUS5*W	BRUS505W, BRUS510W, BRUS520W, BRUS540W, BRUS550W, BRUS560W	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
CRVT	CRVT150, CRVT200, CRVT250, CRVT300	after 0501	YES	Jan-05	NO	JAN '05	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SNAG/CU
DL	DL300, DL500, DL800, DL1000, DL1200	after 0501	YES	Jan-05	NO	JAN '05	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SNAG/CU
DR	DR300, DR500, DR800, DR1000, DR1200, DR1500	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT RECOMMEND	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 8 SEC, 3	YES	NOT APPLICABLE	SILVER
DY*	DY05, DY10, DY20, DY40, DY60, DY80, DY100	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
EF*	EF100, EF150, EF160, EF200	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
EG	EG200, EG250, EG300	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
EH	EH300, EH350, EH400	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
EK	EK400, EK450, EK500, EK600	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
EM	EM700, EM800	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
ER	ER100, ER1200	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
ER100	ER1200	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
FPI40*	FPI4005, FPI4010, FPI4020, FPI4040, FPI4060, FPI4080, FPI40100, FPI40120	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
FPI40*W	FPI4005W, FPI4010W, FPI4020W, FPI4040W, FPI4060W, FPI4080W, FPI40100W	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
FPI1*	FPI105, FPI110, FPI120, FPI140, FPI160, FPI180, FPI1100	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
FPIR32*	FPIR3205, FPIR3210, FPIR3220, FPIR3240, FPIR3260, FPIR3280, FPIR32100	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
HAB	HAB005, HAB010, HAB020, HAB040, HAB060, HAB080, HAB100	AFTER 1996	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
HIB	HIB005, HIB010, HIB020, HIB040, HIB060, HIB080, HIB100, HIB120	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
HTD*	HTD3, HTD5	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 10 SEC, 3	YES	NOT APPLICABLE	SILVER
HTD**	HTD15, HTD30	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
HTD**	HTD3	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 10 SEC, 3	YES	NOT APPLICABLE	SILVER
HVR	HV15PD, HV20PD, HV25PD, HV30PD, HV10P, HV20P, HV30P, HV40PHV50P	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT RECOMMEND	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
HVPF	HVPF2, HVPF4, HVPF6, HVPF8, HVPF10, HVPF12	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
HVPFR	HVPFR2, HVPFR4, HVPFR6, HVPFR8, HVPFR10, HVPFR12	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
HX*M	HX10M, HX20M, HX30M, HX40M, HX50M, HX60M, HX80M, HX100M	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT RECOMMEND	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 8 SEC, 3	YES	NOT APPLICABLE	SILVER
HX*P	HX15PD, HX20PD, HX25PD, HX30PD, HX10P, HX20P, HX30P, HX40P, HX50P	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT RECOMMEND	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 8 SEC, 3	YES	NOT APPLICABLE	SILVER
KHP	KHP5, KHP6, KHP7, KHP8, KHP9, KHP10	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
KHP2	KHP15, KHP20, KHP25, KHP30, KHP35, KHP40, KHP50	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SCREW ON
KMO	KM05, KM08, KM010, KM012, KM015	AFTER 1988	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	TIN
KPI50*	KPI5005, KPI5010, KPI5020, KPI5040, KPI5080, KPI5090, KPI50100, KPI50120	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
KPI60*	KPI6005, KPI6010, KPI6020, KPI6040, KPI6080, KPI6090, KPI60100, KPI60120	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
KVF	KVF5, KVF7.5, KVF10, KVF12.5, KVF15, KVF20, KVF25, KVF30	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	TIN
KVO	KV05, KV08, KV010, KV012, KV015	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
KVP	KVP5, KVP6, KVP7, KVP8, KVP9, KVP10	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
KVP	KVP15, KVP20, KVP30, KVP35, KVP40, KVP50	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
KPI40*	KPI4005, KPI4010, KPI4020, KPI4040, KPI4060, KPI4080, KPI40100, KPI40120	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
KPI40*W	KPI4005W, KPI4010W, KPI4020W, KPI4040W, KPI4060W, KPI4080W, KPI40100W	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
KPI50*	KPI5005, KPI5010, KPI5020, KPI5040, KPI5080, KPI5090, KPI50100, KPI50120	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
KPI50*W	KPI5005W, KPI5010W, KPI5020W, KPI5040W, KPI5080W, KPI5090W, KPI50100W	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
MPIL*	MPIL05, MPIL10, MPIL20, MPIL40, MPIL60, MPIL80, MPIL100	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
MPIR40*	MPIR4005, MPIR4010, MPIR4020, MPIR4040, MPIR4060, MPIR4080, MPIR40100	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
NTD	NTD08, NTD10, NTD12, NTD15, NTD20, NTD25, NTD30	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	TIN
NTD	NTD35, NTD40, NTD45, NTD50, NTD60	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	TIN
NVD	NVD1, NVD2, NVD4, NVD6, NVD8, NVD12, NVDX	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	250, 5 SEC, 2	YES	NOT APPLICABLE	SILVER
PBT*	PBT05, PBT10, PBT20, PBT40, PBT60, PBT80, PBT100	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
PBTR*	PBTR05, PBTR10, PBTR20, PBTR40, PBTR60, PBTR														

**ELECTRONIC DEVICES INC YONKERS NEW YORK USA**

**RoHS and Lead-free Information**

as of March, 2005

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ELECTRONIC DEVICES Product Family	Product Types	RANGE OF ORDERING CODE	RoHS information					Resistance to soldering heat resistance according:				Soldering conditions				
			ROHS compatible*)	Planned start of production of RoHS compatible components	3rd party certification available (ICP data)	RoHS compatible since date code or Start of Production	Samples of RoHS compatible components available	IEC 60068-2-20 (wave soldering)	IEC 60068-2-58 (Reflow)	JEDEC 20B (Reflow)	JEDEC 20C (Reflow)	Maximum temperature / peak time / cycles	backward compatible (lead soldering process) if Pb free terminals	MSL (Jedec 20 B/C)	Plating of terminals of RoHS compatible component	
PP	PP05, PP10, PP20, PP40, PP60, PP80, PP100	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
PPR*	PPR05, PPR10, PPR20, PPR40, PPR60, PPR80, PPR100	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
PT-F	PT05F, PT10F, PT20F, PT40F, PT60F, PT80F, PT100F	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
PV	PV05, PV10, PV20, PV40, PV60, PV80, PV100	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
PWT*	PWT05, PWT10, PWT20, PWT40, PWT60, PWT80, PWT100	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
PY*	PY05, PY10, PY20, PY40, PY60, PY80, PY100	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
QR	QR12	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT RECOMMEND	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 8 SEC, 3	YES	NOT APPLICABLE	SILVER
RAB	RAB005, RAB010, RAB020, RAB040, RAB060, RAB080, RAB100	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
RC*	RC05, RC10, RC20, RC40, RC60, RC80, RC100	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
RCD	RCD08, RCD10, RCD12, RCD15, RCD20, RCD25, RCD30, RCD35, RCD40, RCD50	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	TIN
RF	RF160A, RF160B, RF200A, RF200B	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
RG	RG200A, RG200B, RG250A, RG250B, RG300A, RG300B	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
RHP	RHP5, RHP6, RHP7, RHP8, RHP9, RHP10	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
RHP	RHP15, RHP20, RHP25, RHP30, RHP35, RHP40, RHP50	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	SCREW ON
RK	RK400A, RK400B, RK500A, RK500B, RK600A, RK600B	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
RM	RM700A, RM700B, RM800A, RM800B	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
RMO	RMO5, RMO8, RMO10, RMO12, RMO15	AFTER 1998	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	TIN
RP	RP900A, RP900B, RP1000A, RP1000B	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
RR	RR100A, RR1100B, RR1200A, RR1200B	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
RUS	RUS120, RUS140, RUS150, RUS160, RUS220, RUS240, RUS250, RUS260	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
RUS	RUS320, RUS340, RUS350, RUS360, RUS420, RUS440, RUS450, RUS460	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
RUSH	RUSH103, RUSH104, RUSH105	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
RUST	RUST208, RUST210	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
RVF	RVF5, RVF8, RVF10, RVF12.5, RVF15, RVF20, RVF25, RVF30, RVF40	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	TIN
RVO	RVO5, RVO8, RVO10, RVO12, RVO15	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
RVP	RVP5, RVP6, RVP7, RVP8, RVP9, RVP10	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
RVP	RVP15, RVP20, RVP25, RVP30, RVP40, RVP50	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
RVT	RVT1000, RVT1200, RVT1500, RVT1800	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
RWB	RWB005, RWB010, RWB020, RWB040, RWB060, RWB080, RWB100	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
RWB*A	RWB005A, RWB010A, RWB020A, RWB040A, RWB060A, RWB080A, RWB100A	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
RWB*B	RWB005B, RWB010B, RWB020B, RWB040B, RWB060B, RWB080B, RWB100B	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
SL	SL300, SL500, SL800, SL1000, SL1200	after 0501	YES	NOT APPLICABLE	NO	JAN '05	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SN/AG/CU
SR	SR300, SR500, SR800, SR1000, SR1200, SR1500	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT RECOMMEND	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 8 SEC, 3	YES	NOT APPLICABLE	SILVER
TMB	TMB14, TMB24, TMB32	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	SCREW ON
TVR	TVR20, TVR30	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	TIN
UPI50*	UPI5005, UPI5010, UPI5020, UPI5040, UPI5060, UPI5080, UPI50100, UPI50120	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
UPI60*	UPI6005, UPI6010, UPI6020, UPI6040, UPI6060, UPI6080, UPI60100, UPI60120	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
VPI25*	VPI2505, VPI2510, VPI2520, VPI2540, VPI2560, VPI2580, VPI25100, VPI25120	ANY	YES	NOT APPLICABLE	NO	START	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	350, 20 SEC, 3	YES	NOT APPLICABLE	SILVER
VT	VT1000, VT1200, VT1500	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
WAB	WAB005, WAB010, WAB020, WAB040, WAB060, WAB080, WAB100	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
XL*	XLR5, XLU5, XL10, XLR10, XLU10, XLR20	after 0501	YES	NOT APPLICABLE	NO	JAN '05	NO	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SN/AG/CU
XM*	XMRS, XMU5, XMRI10, XMU10	after 0501	YES	NOT APPLICABLE	NO	OCT '04	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER
ZAB	ZAB005, ZAB010, ZAB020, ZAB040, ZAB060, ZAB080, ZAB100	ANY	YES	NOT APPLICABLE	NO	START	NO	YES	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	275, 25 SEC, 3	YES	NOT APPLICABLE	SILVER