

RISK MANAGEMENT MATRIX

NAME					OBJECTIVE					
REF/ID	PRE-MITIGATION				DEPARTMENT / LOCATION	MITIGATIONS / WARNINGS / REMEDIES	POST-MITIGATION			
	RISK	RISK SEVERITY	RISK LIKELIHOOD	RISK LEVEL			RISK SEVERITY	RISK LIKELIHOOD	RISK LEVEL	ACCEPTABLE TO PROCEED?
1	Manufacturing quality is not going to satisfy tolerances	UNDESIRABLE	POSSIBLE	HIGH	Nástrojárna / Přátelství 681, 104 00 Praha 10 - Uhřetěves	Verified supplier; right tolerance on drawings; Email communication; Business trip to Nástrojárna to discuss manufacturing and assembly	ACCEPTABLE	POSSIBLE	LOW	YES
2	Setted tolerances won't satisfy functionality	UNDESIRABLE	POSSIBLE	HIGH	R&D- CTS Nupaky	Tolerances were check by several engineers and set according to Mechanical engineering tables (Marked Blue)	ACCEPTABLE	POSSIBLE	LOW	YES
3	Badly chosen Press	INTOLERABLE	POSSIBLE	HIGH	R&D- CTS Nupaky / Presston (Hradec Králové)	Business trip to Presston where they have Press with Graphic record of the force value, so we can measure force and chose the press correctly. Study with CTS owned Handpress	ACCEPTABLE	IMPROBABLE	LOW	YES
4	Sensor positioning in the designed socket won't ensure repeatability. Sensor won't be stable in the socket.	TOLERABLE	POSSIBLE	HIGH	R&D- CTS Nupaky	Inline point of impact to mitigate nonaxial forces (Related Parts - R1225_01_01 Jig 1_Guidance + R1225_01_02 Jig 2_Impacter)	ACCEPTABLE	POSSIBLE	MEDIUM	YES
5	Sensor positioning in the designed socket won't ensure repeatability. Sensor won't be stable in the socket.	TOLERABLE	POSSIBLE	HIGH	R&D- CTS Nupaky	Precise Tolerances on the socket on R1225_01_01 Jig 1_Guidance (Marked Green)	ACCEPTABLE	POSSIBLE	MEDIUM	YES
6	Sensor positioning in the designed socket won't ensure repeatability. Sensor won't be stable in the socket.	TOLERABLE	POSSIBLE	HIGH	R&D- CTS Nupaky	3D printed Cable holder designed on R1225_01_01 Jig 1_Guidance - see on assembly (Parts; retainer; retainer holder) (Marked Red) ; Enough of the Space on the R1225_01_01 Jig 1_Guidance to Design clamp to ensure sensor position.	ACCEPTABLE	POSSIBLE	MEDIUM	YES

7	Sensor positioning in the designed socket won't ensure repeatability. Sensor won't be stable in the socket.	TOLERABLE	POSSIBLE	HIGH	R&D- CTS Nupaky	Only Two parts to possibly need to replace (R1225_01_01 Jig 1_Guidance + R1225_01_02 Jig 2_Impacter)	ACCEPTABLE	POSSIBLE	MEDIUM	YES
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