



Technical requirements:  
-No defects such as short circuit,  
open circuit, misalignment, etc.  
-Compliant with ROHS requirements  
-Tensile Strength Standard Compliant with UL486A

PIN ASSIGNMENT			
P1	Color	P1	P2
Tin	Red	1	1
Tin	Black	3	3

5	PCB Board	Docking PCB Board	PCS	1	
4	External Mold	Molded 45P PVC Black	G	/	
	Internal Model	Molded PE Transparent	G	/	
3	SCT2505FH-03CBK109	SM 2.50mm PA66 V2 Black 03Pin With Lock Female Housing	PCS	2	
2	SCT2505MTPS109	SM 2.50mm Phosphor Bronze Tin Plated Male Terminal 22-28AWG	PCS	4	
1	UL24642W2435BK0201	UL 2464 24AWG*2C PVC Wire,OD:3.5mm Color:Red,Black L= (Can Be Customized)	PCS	3	
NO	PART NO	DESCRIPTION	UNIT	Q'TY	REMARK

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TOLERANCES: ±0.3mm		UNIT: mm	PAGE/ 1 of 1
SCT P/N	I0005	Rev A	
CUSTOMER P/N			
CUSTOMER	Industrial Wire Harness		
TITLE: Tin to SCT2505FH-03Pin Female Housing*2PCS UL 2464 24AWG*2C (Can Be Customized)			

REVISIONS				DATE		2025.05.14
REV	DESCRIPTION	DATE	ECN NO.	DRAWN BY		Yao
A	INITIAL RELEASE	2025.05.14		CHECKED BY		Xiong
		SCONDAR ELECTRONIC, LTD ENGINEER 2505		APPROVED BY		Lisa