

SPECIFICATION

OPERATING TEMPERATURE: -40°C~105°C
STRIPPING LENGTH: 6~7mm

MATERIAL

HOUSING: NYLON 66, UL94-V0
HEADER PIN: COPPER ALLOY, TIN PLATED
SCREW TORQUE: M3/0.5N.m
CAGE: COPPER ALLOY, M3/Ni PLATED

TECHNICAL DATA

UL/CUL

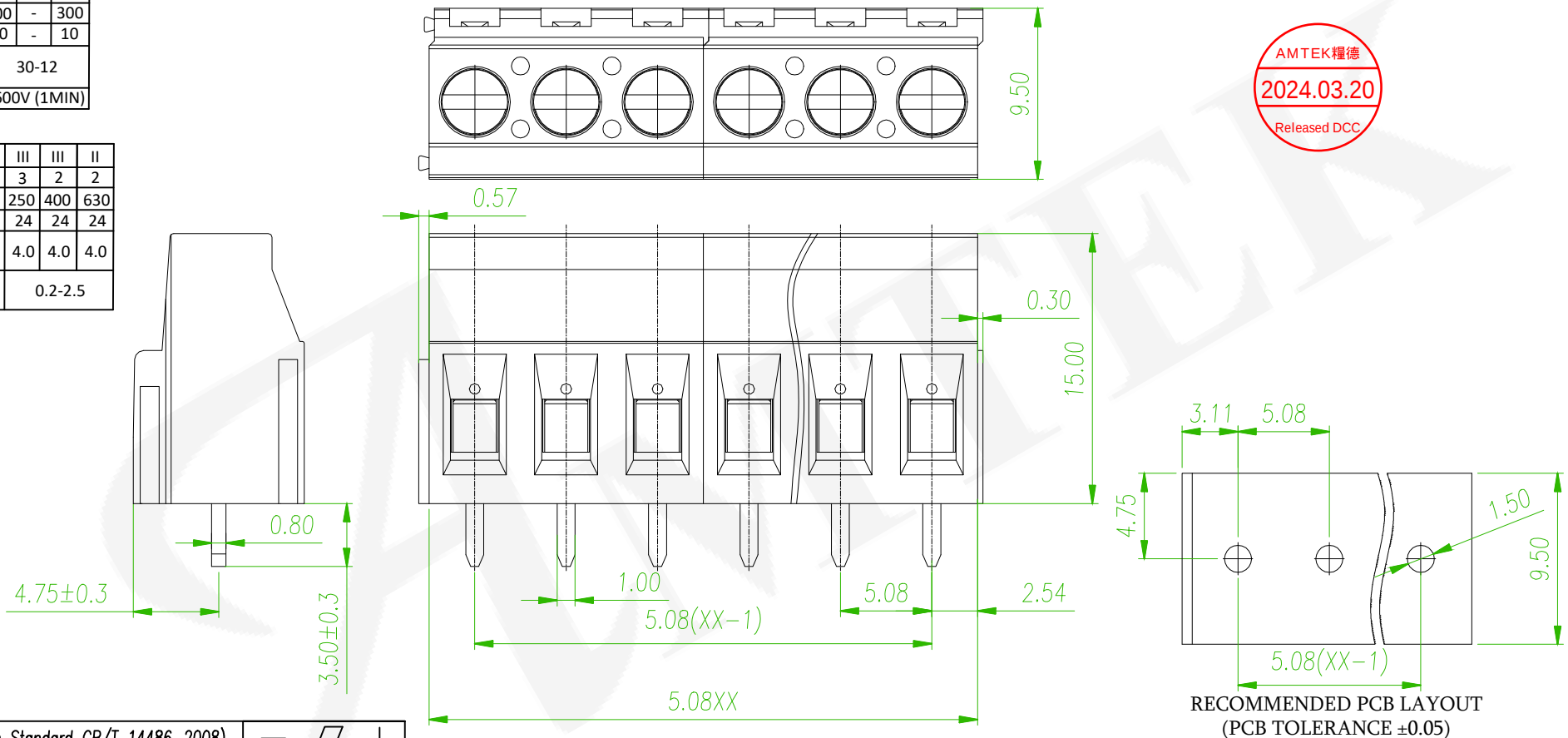
USE GROUP	B	C	D
RATED VOLTAGE (V)	300	-	300
RATED CURRENT (A)	20	-	10
WIRE RANGE	30-12		
SOLID/STRANDED (AWG)			
WITHSTANDING VOLTAGE	1600V (1MIN)		

IEC

OVERVOLTAGE CATEGORY	III	III	II
CONTAMINATION CLASS	3	2	2
RATED VOLTAGE (V)	250	400	630
RATED CURRENT (A)	24	24	24
IMPULSE WITHSTANDING VOLTAGE (KV)	4.0	4.0	4.0
CONDUCTOR CROSS SECTION SOLID/FLEXIBLE (mm²)	0.2-2.5		

ORDER INFORMATION

5	T	S	5	0	8	S	-	1	2	3	N	X	X	X	L	X	-	0	1
508: PITCH 5.08mm							SERIES NO.			NO OF PINS TOTAL (02~24)			E: GREEN			B: BAG			



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

linear dimension(Tolerances Standard GB/T 14486-2008)								—	∇	⊥
variable range	to 6	over 6 to 10	over 10 to 30	over 30 to 60	over 60 to 100	over 100 to 160	over 160 to	to 10	over 10 to 100	over 100 to
tolerance	±0.20	±0.30	±0.50	±0.70	±1.00	±1.30	±1.60	0.10	0.30	0.60

REV.	EasyFlow No.:202401240001	Randy	2024/03/12
	ECN NO. OR DESCRIPTION	REVISED	DATE

AMTEK
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品名 TITLE	Terminal Block 5.08mm				頁數 Page	1/1
品號 PART NO.	5TS508S-123NXXXLX-01			繪圖 DRAWN	Randy 2024/03/12	
圖號 DRAWING NO.	GN011-RD364	版本 REV.	A	核對 CHECKED	Josh 2024/03/12	
客戶品號 CUSTOMER P/N		比例 SCALE	1:1	承認 APPROVED	Josh 2024/03/12	
公差 TOLERANCE		單位 UNIT	mm	THIRD ANGLE PROJECTION		