

PCB LAYOUT - COMPONENT VIEW
TOLERANCE ± 0.05

TECHNICAL CHARACTERISTICS

MATERIAL
INSULATOR: PA 66
FLAMABILITY RATING: UL94-V0
COLOR: BLACK
CONTACT MATERIAL: COPPER ALLOY
CONTACT TYPE: STAMPED
PLATING:
- CENTER PIN: GOLD
- SHUNT TERMINAL: TIN
- TIP SPRING: TIN
QUALITY CLASS: 5000 MATING CYLCES

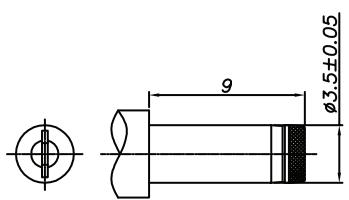
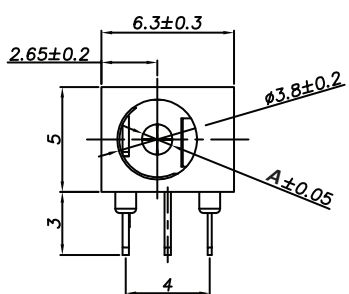
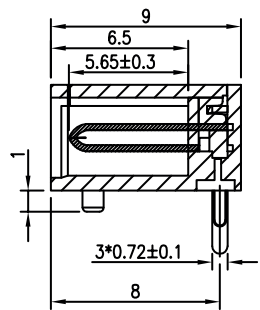
ENVIRONMENTAL
OPERATING TEMPERATURE: -40°C UP TO +85°C
COMPLIANCE: LEAD FREE AND ROHS

ELECTRICAL
CURRENT RATING: 2A
WORKING VOLTAGE: 20 VDC
INSULATION RESISTANCE: >100 MΩ
DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC/MIN
CONTACT RESISTANCE: 30 mΩ max

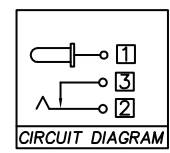
SOLDERING
JEDEC LEAD FREE WAVE SOLDERING PROCESS

PACKAGING
TRAY

Ø A	1.0	1.3
XX	02	03
PLUG INNER Ø	1.05 ^{+0.10} _{-0.00}	1.35 ^{+0.10} _{-0.00}
PLUG OUTER Ø	3.5±0.05	3.5±0.05



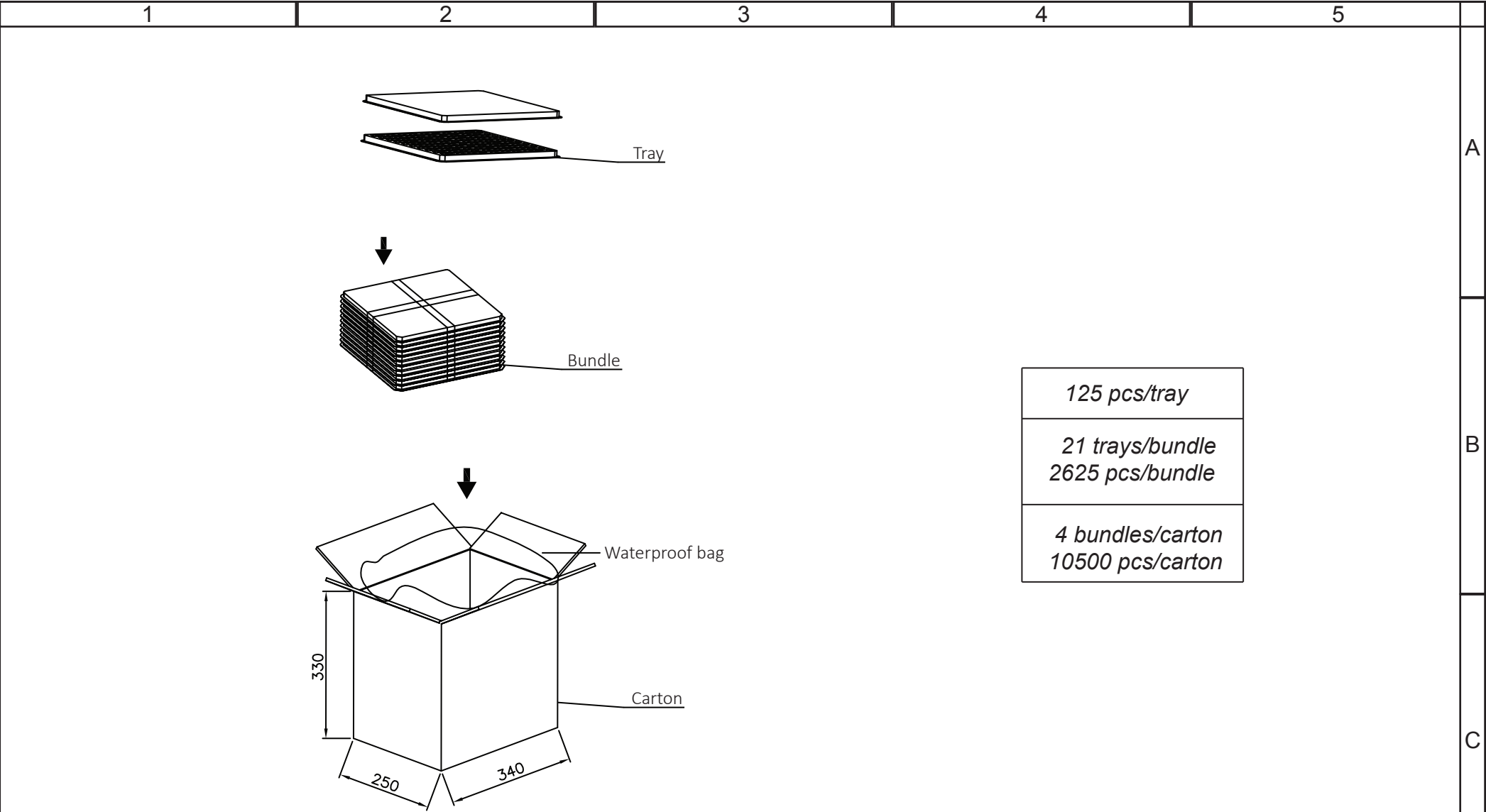
DC MATE PLUG



CIRCUIT DIAGRAM

□ : TERMINAL NO.

RoHS Compliant				PROJECTION: 	GENERAL TOLERANCE X = ± 0.50 .X = ± 0.30 .XX = ± 0.20		DESCRIPTION: DC POWER JACK - RIGHT ANGLED - THT - 1.0 & 1.3Ø -WR-DC	SIZE A4
G								
F								
E								
D								
C				APPROVAL: JTs	UNIT: MM		WERI PART NO: 694 1xx 304 002	A4
B	26-JAN-15	RIGHT VIEW	QL		SCALE:			
A	29-OCT-14	PDF	AS		SHEET: 1/3			
REV	DATE	FILE	BY		DRAW: AS			



RoHS Compliant				PROJECTION:	GENERAL TOLERANCE .X = $\pm$ 0.2 .XX = $\pm$ 0.15			
G								
F								
E								
D								
C				APPROVAL: JTs	UNIT: MM	DESCRIPTION: DC POWER JACK - RIGHT ANGLED - THT - 1.0 & 1.3Ø -WR-DC SIZE		
B					SCALE:			
A	29-OCT-14	PDF	AS		SHEET: 2/3			
REV	DATE	FILE	BY		DRAW: AS			
					WERI PART NO: 694 1xx 304 002		A4	

[illegible]