

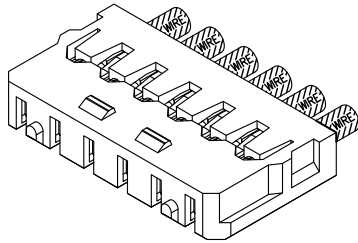
VIEW A-A

NOTES:

1. DIMENSIONING AND TOLERANCING CONFORM TO ASME Y14.5–2009.
2. ALL DIMENSIONS ARE IN MM.
TOLERANCES ON ALL DIMENSIONS ± 0.15 UNLESS OTHERWISE SPECIFIED.
3. ELECTRICAL CHARACTERISTICS:
CONTACT CURRENT RATING:
8.0A MAX PER CONTACT FOR 24AWG (2 POWER PINS).
PINS 2 THROUGH 5 RATED TO 0.5A EACH MAX.
INSULATION RESISTANCE: 100M Ω MIN AT 250 VDC.
DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC MIN.
LOW LEVEL CONTACT RESISTANCE: 30M Ω MAX INITIAL, $\Delta < 20\text{M}\Omega$
4. MECHANICAL CHARACTERISTICS:
INSERTION FORCE: 3.0Kgf MAX
EXTRACTION FORCE: 1.3Kgf MIN INITIAL, 1.1Kgf MIN AFTER DURABILITY.
CONTACT RETENTION FORCE : 0.5Kgf MIN PER PIN.
DURABILITY: 30 MATING CYCLES.
CRIMPING WIRE: 24AWG.
5. OPERATING TEMPERATURE: $-40^{\circ}\text{C} \sim +95^{\circ}\text{C}$.
6. THE PRODUCTS SHOULD MEET THE R.O.H.S. REQUIREMENT.

STP (3D) FILE RECORD
3D FILE NAMES MAY EXCEED LENGTH REQUIREMENTS FOR SOME SOFTWARE TOOLS.

STP FILE NAME	DATE	ITEM NUMBER
SO-027A_PBXC-Q6_l1p2-R7p9x4p25Z1p58	OCT 2021	14-199



TASK GROUP CONTRIBUTORS

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CHANGE RECORD

IF THE CHANGE INVOLVES ANY WORDS ADDED OR DELETED (EXCLUDING DELETION OF ACCIDENTALLY REPEATED WORDS), THE CHANGE IS TO BE INCLUDED BELOW. PUNCTUATION CHANGES MAY OR MAY NOT BE INCLUDED.

INITIAL ISSUE: A	DATE: OCTOBER 2021	ITEM NUMBER: 14-199
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CHANGE RECORD HISTORY:

ISSUE: -	DATE: -	ITEM NUMBER: -
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LOCATION:	CHANGED FROM:	CHANGED TO: