

RoHS
compliant



SPECIFICATION

MATERIAL AND FINISH:

1. INSULATION: PBT+30%GLASS FIBER.UL 94V-0 , BLACK
2. CONTACT: BRASS
CONTACT PLATING
UNDERPLATE: 50u"~100u" NI
CONTACT AREA: 1u"~30u" AU
SOLDER TAILS AREA: 100u"~200u" SN
3. SHELL: STEEL, NI OR SN PLATED
4. RIVET, BOARDLOCK: COPPER ALLOY

ELECTRICAL CHARACTERISTIC:

1. CURRENT RATING: 3 A MAX.
2. INSULATION RESESTANCE: 1000 MΩ MIN.
3. CONTACT RESISTANCE: 30 mΩ MAX.
4. WITHSTANDING VOLTAGE: 1000 VAC

ENVIRONMENTAL:

1. OPERATION TEMPERATURE: -55°C~+105°C

NO. OF CONTACT	A	B	C	D	E	G
09	30.80	24.99	16.34	19.00	15.60	4.0
15	39.20	33.32	24.76	27.70	24.60	4.0
25	53.05	47.04	38.33	41.10	38.10	4.0
37	69.50	63.50	54.89	57.30	54.30	4.0

12	50203020120	202AE37FDNIEA3	37 PIN	30u" AU	NI	PBT(BLACK)	
11	50203020110	202AE25FDNIEA3	25 PIN	30u" AU	NI	PBT(BLACK)	
10	50203020100	202AE15FDNIEA3	15 PIN	30u" AU	NI	PBT(BLACK)	
9	50203020090	202AE09FDNIEA3	9 PIN	30u" AU	NI	PBT(BLACK)	
8	50203020080	202AE37FGNIEA3	37 PIN	GOLD FLASH	NI	PBT(BLACK)	
7	50203020070	202AE25FGNIEA3	25 PIN	GOLD FLASH	NI	PBT(BLACK)	
6	50203020060	202AE15FGNIEA3	15 PIN	GOLD FLASH	NI	PBT(BLACK)	
5	50203020050	202AE09FGNIEA3	9 PIN	GOLD FLASH	NI	PBT(BLACK)	
4	50203020040	202AE37FGTIEA3	37 PIN	GOLD FLASH	SN	PBT(BLACK)	
3	50203020030	202AE25FGTIEA3	25 PIN	GOLD FLASH	SN	PBT(BLACK)	
2	50203020020	202AE15FGTIEA3	15 PIN	GOLD FLASH	SN	PBT(BLACK)	
1	50203020010	202AE09FGTIEA3	9 PIN	GOLD FLASH	SN	PBT(BLACK)	

ITEM	NEW P/N	OLD P/N	PIN NO.	CONTACT	SHELL	INSULATOR	NOTE
UNLESS OTHERWISE SPECIFIED TOLERANCE			SIP Cmk Cpk				
ANG. ±3° 0. ±0.30 0. ±0.20 .00 ±0.15			SCALE: AS SHOWN UNIT: mm				
DRAWN: BENSON_ZHENG			29 Aug 2024				
CHECKED: PEARL_HUNG			30 Aug 2024				
APPROVED: PEARL_HUNG			30 Aug 2024				
PART NO. 5020302XXXX			CODE: H03 CUSTOMER:				



C6, D6	E	ECN-2408105(QUEENIE)ADD P/N	29AUG2024
F8, G8	D	ECN-2406022(CAROL)MODIFY SPECIFICATION & ADD DIMENSION	05JUN2024
	C	ECN-2405020(QUEENIE)CHANGE OUTLINE	08MAY2024
ZONE	REVISION	DESCRIPTION	DATE