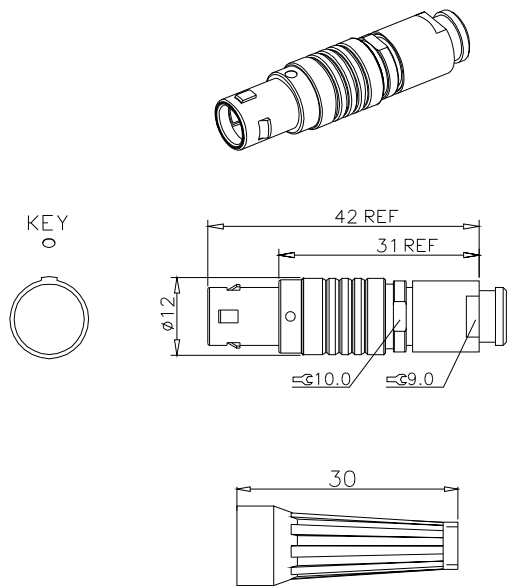


DESCRIPTION: 1B // QUIK-LOQ // M // CABLE MOUNT // SOLDER CUP



COLLET SIZE CHART	
COLLET SIZE:	CABLE DIAMETER:
40	3.30 ~ 4.20
50	4.30 ~ 5.20
60	5.30 ~ 6.20
70	6.30 ~ 7.20

821BYYY-173LYY1

SERIES _____
POSITIONS _____
YYY = SEE POSITION CHART
GENDER _____
1 = MALE
TYPE _____
7 = CABLE MOUNT
SHELL PLATING _____
3 = NICKEL/CHROME
COLLET SIZE* _____
40
50
60
70
*SEE "COLLET SIZE CHART"
CONTACT PLATING _____
1 = 7µ" GOLD PLATED

SPECIFICATIONS:

MATERIALS:

HOUSING: BRASS, 196u" NICKEL PLATED MIN.
SHELL & COLLET NUT: BRASS, 196u" CHROME PLATED MIN.
CONTACTS: 7u" GOLD PLATED BRASS OVER 196u" NICKEL MIN.
INSULATOR: PPS (HIGH TEMPERATURE)
STRAIN RELIEF (BOOT): THERMOPLASTIC POLYURETHANE

MECHANICAL:

MATING CYCLES: 5000 CYCLES
OPERATING TEMPERATURE: -40°C TO +200°C
PROCESS TEMPERATURE: 260°C FOR 5 SECONDS
SHIELDING: 75dB @ 10MHz // 40dB @ 1GHz
IP RATING: 50
MAX TORQUE VALUE: 1.2 Nm

POSITION CHART // ELECTRICAL/WIRE SPECIFICATIONS						
*solder side view of insulator						
POSITIONS	CONTACTS*	CONTACT Ø	MAX CONTACT mΩ	WORKING VOLTAGE	MAX AMPERAGE	MAX WIRE AWG
002		1.30mm	5.0 mΩ	500 V	15.0 A	20
003		1.30mm	5.0 mΩ	430 V	12.0 A	20
004		0.90mm	6.0 mΩ	430 V	10.0 A	22
005		0.90mm	6.0 mΩ	415 V	9.0 A	22
006		0.70mm	7.5 mΩ	350 V	7.0 A	24
007		0.70mm	7.5 mΩ	315 V	7.0 A	24
008		0.70mm	7.5 mΩ	315 V	5.0 A	28
010		0.50mm	10.0 mΩ	300 V	2.5 A	28
014		0.50mm	10.0 mΩ	260 V	2.0 A	28

RoHS COMPLIANT



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DRAWN:
M. SIGMON

DATE:
02/03/2016

UNITS = mm

DO NOT SCALE FROM DRAWING

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SCALE:
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