



Ordering Information

XB-YYDJ-113

XX Plating code
 01=Tin
 02=Gold Flash
 05=Gold Flash/Tin
 22=Matte Tin
 L3=Ni:40-120u", Sn:40-100u"

A Insulator Material
 K=PBT(Halogen Free)
 R=Nylon(Halogen Free)
 C=LCP

001 Color
 1=Black
 2=White

K Contact Material
 T=Phosphor Bronze
 W=Brass

1 Packing code
 A=Box
 C=Tube
 D=Tape&Reel

Specifications
 Current Rating: 3.0Amp
 Insulation Resistance: 1000MΩ Min.
 Dielectric Withstanding Voltage: 600V AC
 Contact Resistance: 20mΩ Max.
 Operating Temperature:-40°C to +105°C Materials
 Contact Material: Phosphor Bronze
 Insulation Material: High Temperature Thermoplastic,
 PBT-GF15 Black or the equivalent material

☆All materials must meet XI BANG requirement for environment protection
 "★": Critical Characteristics, indicates product characteristics, functionalities, and manufacturing processes regarding to customer's specifications
 "☆☆": Safety Features indicates product characteristics, functionalities, and manufacturing processes complying to legal regulations stated by local government

- NOTES:
- 1.ALL UNSPECIFIED DIMENSION TO BE WITHIN THE FREE TOLERANCE RANGE.
 - 2.HEADER BASE MATERIAL SHOULD BE PBT-GF15 Black.
 - 3.TERMINAL MATERIAL SHOULD BE CuSn6
 - 4.TERMINAL MATERIAL TENSILE STRENGTH>550N mm2
 - 5.TERMINAL PLATING:1um TO 2.5um Sn OVER 1um TO 3um Ni
 - 6.TERMINALS TO BE POST PLATED AFTER FORMING PROCESS HAS OCCURED.
 - 7.FEATURES FOR PRESS-FIT AREA ARE LEFT TO THE EXPERTISE OF THE SUPPLIER, FOR PROPER MATING TO PCB HOLE, SUGGESTED PCB HOLE IS $\phi 1.2 \pm 0.1$
 - 8.MAX PERMISSABLE MISMATCH OF ± 0.05 mm
 - 9.NO SHARP EDGES ARE PERMISSIBLE.
 - 10.MAX TERMINAL BURR HEIGHT OF 0.025mm
 - 11.MAX PLASTIC FLASH ALLOWED OF 0.3mm
 - 12.INJECTION POINT FOR OVERMOULDING THE HEADER PLASTIC ONTO THE TERMINALS IS TO BE LOCATED ANYWHERE ON THE SURFACE MARKED THUS --- INJECTION POINT MUST BE SHE -ARED CLEAN AND NOT LEFT PROTRUDING OUTWARDS. CAVITY ID,SPLIT LINES AND EJECTORS TO BE AS AGREED BETWEEN METHODE ELECTRONICS MALTA PRODUCT DEVELOPMENT AND SUPPLIER THROUGH THE COMPONENT CRITICAL DESIGN REVIEW

REV.	UNIT.	SCALE.	PAGE.		GENERAL TOLERANCE		DESIGNED:	DATE:	DWG. NO.	TITLE.
					.X*±5.0'	X.±0.30	CHECKED:	DATE:	XB-YYDJ-113	
01	mm	2:1	1/1		.X*±3.0'	.X±0.25	CO SIGNED:	DATE:		PART NO.
					.XX*±2.0'	.XX±0.15	APPROVED:	DATE:		
					.XXX*±1.0'	.XXX±0.10				