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RoHS Compliant

REVISIONS

REV.	DESCRIPTION	DATE	DESIGN

The technical drawing includes three main views:
Top View: Shows a rectangular component with eight circular contact points. Dimensions include overall length 69.32±0.38, mounting hole pitch 63.50±0.25, and individual contact spacing of 22.86. Mounting holes are Ø3.05.
Side View: Shows the profile of the connector with a height of 5.90±0.25 and a base width of 0.80.
Recommended P.C.B Layout: Shows the footprint on the PCB with dimensions for mounting holes (ØA, ØB), contact positions, and overall dimensions matching the top view.

NOTE:

- MATERIALS AND FINISH
 SHELL : STEEL MATERIAL, FRONT-NICKEL PLATING;BACK-TIN PLATING
 CONNECTOR INSULATOR : PBT THERMOPLASTIC,
 30% GLASS FILLED, UL 94V-0 RATED,
 HIGH POWER CONTACT MATERIAL: BRASS
 FOOTHOLD: MATERIAL:SPCC, NICKEL PLATING
- ELECTRICAL CHARACTERISTICS
 HIGH POWER CONTACT CURRENT RATING : 10,20,30,OR40 AMPS
 HIGH POWER CONTACT RESISTANCE : 2.7 MILLIOHMS MAX.
 DIELECTRIC WITHSTANDING VOLTAGE :
 1000 V AC FOR 1 MINUTE
 INSULATION RESISTANCE : 5000 MEGAOHMS MIN.
 TEMPERATURE RATING : -55°C ~ +125°C
- HOW TO ORDER:

DH241-088GX1BP-A0X10

2: Female, 10A 4: Female, 20A 6: Female, 30A 8: Female, 40A 4: Current terminal,T/H 088: 8W8 G: Full Gold 1:1u" 5: 5u" 2:2u" 6: 10u" 3:3u" 7: 15u" 8: 30u"	0: RoHs 2: Front rivet hollow nut(Copper) 1: Back rivet hollow nut(Copper) 0: Ø3.05 through Hole P: PBT B: Black
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Current Rating	Dimension	Dimension
40A	Ø3.75	Ø4.20
30A	Ø3.20	Ø3.75
20A	Ø2.80	Ø3.28
10A	Ø1.70	Ø2.20
Current Rating	ØA	ØB

Bestcreate Technology Limited

TOLERANCES UNLESS OTHERWISE SPECIFIED:

.X ± 0.38	X.' ± 3"
.XX ± 0.25	.X' ± 2"
.XXX ± 0.15	.XX' ± 1"

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DESIGN: I.L DATE: 2017.3.1

CHECKED: DATE: C.W 2017.3.1

APPROVED: DATE: C.W 2017.3.1

TITLE: 8W8 FEMALE CONNECTOR 180D PCB MOUNT		
MATERILA:	PART NO: DH241.088GX1BP.A0X10	SIZE: A4
FINSH:	DWG NO: DH241.088GX1BP.A0X10	

REV: A	UNIT mm	SCALE 1=1	QUALITY SYMBOLS				
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