



PCB LAYOUT

**MATERIALS AND FINISH**  
 SHELL : STEEL MATERIAL, FRONT SHELL TIN FINISHED  
 BACK SHELL TIN FINISHED  
 DIMPLES ON PLUG ONLY  
 INSULATOR : PBT THERMOPLASTIC, 30% GLASS FILLED,  
 UL 94V-0 RATED, BLACK COLOR  
 SIGNAL CONTACT : COPPER ALLOY, FULL GOLD FLASH  
 HIGH POWER CONTACT : COPPER ALLOY, 15u" GOLD PLATED  
**ELECTRICAL CHARACTERISTICS**  
 HIGH POWER CONTACT CURRENT RATING : 40 AMPS  
 HIGH POWER CONTACT RESISTANCE : 1.0 mΩ MAX.  
 SIGNAL CONTACT CURRENT RATING : 5.0 AMPS  
 SIGNAL CONTACT RESISTANCE : 2.7 mΩ MAX.  
 DIELECTRIC WITHSTANDING VOLTAGE : 1000 V AC FOR 1 MINUTE  
 INSULATION RESISTANCE : 5GΩ MIN.  
 TEMPERATURE RATING : -55°C ~ +125°C

DWD-P40Z-17W2-LF  
 LEADFREE  
 RoHS Compliant

**All connectors**  
 www.allconnectors.de  
 Tel.: 0049 711 700500  
 70794 Filderstadt - Germany

PART NO. DWD-P40Z-17W2  
 DWG NO. DWD-P40Z-17W2  
 FILE NO.

CHECKED BY CY  
 DRAWING BY

TOLERANCES ARE  
 X ± 0.40  
 X ± 0.30  
 .XX ± 0.20  
 .XXX ± 0.10  
 ANG

DESCRIPTION:

UNIT / mm	SCALE 1:1	PROJECTION	AREA	REVISIONS	DATE
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