

PRODUCT NUMBER
SEE SHEET 2

CONNECTOR NOTES:

- HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMOPLASTIC
SIGNAL PIN MATERIAL: COPPER ALLOY
POWER CONTACT MATERIAL: COPPER ALLOY

3. PLATING:

51787-YYY Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA.
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

51787-YYLFF Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA.
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

PART NUMBER 51787-YYLFF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.

- "MANUFACTURER'S" NAME, P/N AND DATE CODE TO APPEAR ON THIS SURFACE

4. PRODUCT SPECIFICATION GS-12-149

PCB NOTES:

- ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
- ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10]
- ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
- Ø0.098 [2.49] THROUGH HOLES ARE UNPLATED
- Ø0.0453±0.0010 [1.151±0.025] DRILLED HOLES PLATED WITH 0.0003 [0.008] MIN SnPb OVER 0.001 [0.03] TO 0.003 [0.08] Cu PLATING TO ACHIEVE A Ø0.040±0.003 [1.02±0.07] HOLE]

mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
lfr	ecn no.	dr	date					COPY					
E				linear		.XX±.01/0.X±0.3		projection		title	3ACP + 1P + 24S + 2P		
						.XXX±.005/0.XX±0.13				R/A SOLDER RECEPTACLE			
				angles		.XXX±.0005/0.XXX±.051				product family	PwrBlade	code	213
				dr	E. KORFF	06-15-00		INCH/MM		size	dwg no	sheet	3
				engr	J. BROWN	06-15-00		scale		A	51787		
				chr	J. BROWN	06-15-00							
				appd	J. BROWN	06-15-00							
sheet index	revision sheet												

Mouser Electronics

Authorized Distributor

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