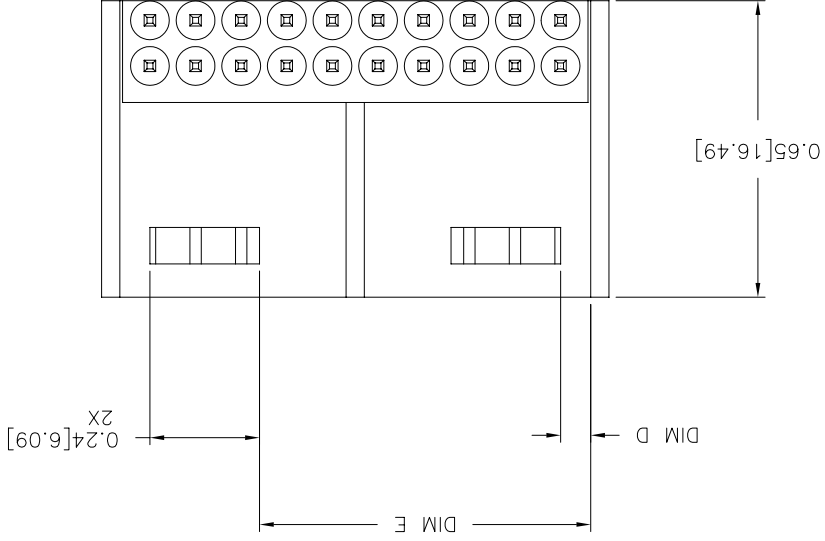


PRODUCT NO.
SEE TABLE



- NOTES:
1. TERMINAL MATERIAL: 3/4 HARD PHOS BRONZE ALLOY - UNS-C51000.
 2. PLATING: 30µ"/0.76µm Au OR GXT OVER 50µ"/1.27µm Ni.
 3. MOLDING MATERIAL: GLASS FILLED POLYESTER, FLAME RETARDANT PER UL 94V-0, COLOR - BLACK.
 4. .02/.5 MAX FLASH AROUND ALL WINDOWS.
 5. LOGO & LOCATION IS A MANUFACTURING OPTION.
 6. .03/.8 MAX FLASH PERMISSIBLE ON PINS, BOTH ENDS.
 7. PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.
 8. OTHER PLATINGS ARE AVAILABLE ON 68667, 68669, AND 68670.
 9. ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
 10. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
 11. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5mm MINIMUM THICK CIRCUIT BOARD. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.

| | | | | | | | | |
|------------|----------|---------|---------|---------------------------------------|----------|---------------------|-------------------|--------------------------|
| matl. code | ISO 1302 | surface | ISO 406 | tolerance | ISO 1101 | projection | product family | HEADER |
| itr | ecn no | dr | date | tolerances unless otherwise specified | | | title | R/A HEADER |
| | | | | angles | inclin | XXXX.0020/XXXX.0051 | scale 1:1 | FOR ROUND RECEPTACLE |
| | | | | 0°±2' | | | | |
| | | | | dr | S.ROYER | 4/14/98 | dwg no | 68668 |
| | | | | engr | M.SMYK | 4/14/98 | sheet 2 of 5 size | A3 |
| | | | | chr | M.SMYK | 4/14/98 | type | Product Customer Drawing |
| | | | | pppd | H.SUNDY | 5/7/00 | revision | |
| | | | | sheet | | | index | |
| | | | | revision | | | sheet | |

6 5 4 3 2 1 A B C D

| PRODUCT NO. | NO OF NO OF | NO OF | POLARIZED | A | DIM B | DIM C | DIM D | DIM E | DIM F | DIM G |
|-------------|-------------|-------|-----------|----|-------------|-------------|-------------|-------|-------|-----------|
| 68668-001 | 6 | 6 | --- | 2 | .200/5.08 | .332/8.43 | .066/1.68 | --- | --- | .130/3.30 |
| NOTE 9 | 6 | 6 | --- | 2 | .200/5.08 | .332/8.43 | .066/1.68 | --- | --- | .130/3.30 |
| --- | 8 | 8 | --- | 3 | .300/7.62 | .432/10.97 | .066/1.68 | --- | --- | --- |
| --- | 10 | 10 | --- | 4 | .400/10.16 | .532/13.52 | .166/4.22 | --- | --- | --- |
| --- | 12 | 12 | --- | 5 | .500/12.70 | .632/16.05 | .166/4.22 | --- | --- | --- |
| --- | 14 | 14 | --- | 6 | .600/15.24 | .732/18.59 | .266/6.76 | --- | --- | --- |
| --- | 16 | 16 | --- | 7 | .700/17.78 | .832/21.13 | .266/6.76 | --- | --- | --- |
| --- | 18 | 18 | --- | 8 | .800/20.32 | .932/23.67 | .366/9.30 | --- | --- | --- |
| --- | 20 | 20 | --- | 9 | .900/22.86 | 1.032/26.21 | .066/1.68 | --- | --- | --- |
| --- | 22 | 22 | --- | 10 | 1.000/25.40 | 1.132/28.75 | .066/1.68 | --- | --- | --- |
| --- | 24 | 24 | --- | 11 | 1.100/27.94 | 1.232/31.29 | .066/1.68 | --- | --- | --- |
| --- | 26 | 26 | --- | 12 | 1.200/30.48 | 1.332/33.83 | .066/1.68 | --- | --- | --- |
| 68668-045 | 26 | 26 | --- | 12 | 1.200/30.48 | 1.332/33.83 | .066/1.68 | --- | --- | .200/5.08 |
| --- | 24 | 24 | --- | 11 | 1.100/27.94 | 1.232/31.29 | .066/1.68 | --- | --- | .200/5.08 |
| --- | 22 | 22 | --- | 10 | 1.000/25.40 | 1.132/28.75 | .066/1.68 | --- | --- | .200/5.08 |
| --- | 20 | 20 | --- | 9 | .900/22.86 | 1.032/26.21 | .066/1.68 | --- | --- | .200/5.08 |
| --- | 18 | 18 | --- | 8 | .800/20.32 | .932/23.67 | .066/1.68 | --- | --- | .200/5.08 |
| --- | 16 | 16 | --- | 7 | .700/17.78 | .832/21.13 | .066/1.68 | --- | --- | .200/5.08 |
| --- | 14 | 14 | --- | 6 | .600/15.24 | .732/18.59 | .066/1.68 | --- | --- | .200/5.08 |
| --- | 12 | 12 | --- | 5 | .500/12.70 | .632/16.05 | .066/1.68 | --- | --- | .200/5.08 |
| --- | 10 | 10 | --- | 4 | .400/10.16 | .532/13.52 | .066/1.68 | --- | --- | .200/5.08 |
| --- | 8 | 8 | --- | 3 | .300/7.62 | .432/10.97 | .066/1.68 | --- | --- | .200/5.08 |
| --- | 6 | 6 | --- | 2 | .200/5.08 | .332/8.43 | .066/1.68 | --- | --- | .200/5.08 |
| --- | 72 | 72 | --- | 35 | 3.500/88.90 | 3.632/92.25 | 3.366/85.50 | --- | --- | .130/3.30 |
| --- | 70 | 70 | --- | 34 | 3.400/86.36 | 3.532/89.71 | 3.266/82.96 | --- | --- | .130/3.30 |
| --- | 68 | 68 | --- | 33 | 3.300/83.82 | 3.432/87.17 | 3.166/80.42 | --- | --- | .130/3.30 |
| --- | 66 | 66 | --- | 32 | 3.200/81.28 | 3.332/84.63 | 3.066/77.88 | --- | --- | .130/3.30 |
| --- | 64 | 64 | --- | 31 | 3.100/78.74 | 3.232/82.09 | 2.966/75.34 | --- | --- | .130/3.30 |
| --- | 62 | 62 | --- | 30 | 3.000/76.20 | 3.132/79.55 | 2.866/72.80 | --- | --- | .130/3.30 |
| --- | 60 | 60 | --- | 29 | 2.900/73.66 | 3.032/77.01 | 2.766/70.26 | --- | --- | .130/3.30 |
| --- | 58 | 58 | --- | 28 | 2.800/71.12 | 2.932/74.47 | 2.666/67.72 | --- | --- | .130/3.30 |
| --- | 56 | 56 | --- | 27 | 2.700/68.58 | 2.832/71.93 | 2.566/65.18 | --- | --- | .130/3.30 |
| --- | 54 | 54 | --- | 26 | 2.600/66.04 | 2.732/69.39 | 2.466/62.64 | --- | --- | .130/3.30 |
| --- | 52 | 52 | --- | 25 | 2.500/63.50 | 2.632/66.85 | 2.366/60.10 | --- | --- | .130/3.30 |
| --- | 50 | 50 | --- | 24 | 2.400/60.96 | 2.532/64.31 | 2.266/57.56 | --- | --- | .130/3.30 |
| --- | 48 | 48 | --- | 23 | 2.300/58.42 | 2.432/61.77 | 2.166/55.02 | --- | --- | .130/3.30 |
| --- | 46 | 46 | --- | 22 | 2.200/55.88 | 2.332/59.23 | 2.066/52.48 | --- | --- | .130/3.30 |
| --- | 44 | 44 | --- | 21 | 2.100/53.34 | 2.232/56.69 | 1.966/49.94 | --- | --- | .130/3.30 |
| --- | 42 | 42 | --- | 20 | 2.000/50.80 | 2.132/54.15 | 1.866/47.40 | --- | --- | .130/3.30 |
| --- | 40 | 40 | --- | 19 | 1.900/48.26 | 2.032/51.61 | 1.766/44.86 | --- | --- | .130/3.30 |
| --- | 38 | 38 | --- | 18 | 1.800/45.72 | 1.932/49.07 | 1.666/42.32 | --- | --- | .130/3.30 |
| --- | 36 | 36 | --- | 17 | 1.700/43.18 | 1.832/46.53 | 1.566/39.78 | --- | --- | .130/3.30 |
| --- | 34 | 34 | --- | 16 | 1.600/40.64 | 1.732/43.99 | 1.466/37.24 | --- | --- | .130/3.30 |
| --- | 32 | 32 | --- | 15 | 1.500/38.10 | 1.632/41.45 | 1.366/34.70 | --- | --- | .130/3.30 |
| --- | 30 | 30 | --- | 14 | 1.400/35.56 | 1.532/38.91 | 1.266/32.16 | --- | --- | .130/3.30 |
| --- | 28 | 28 | --- | 13 | 1.300/33.02 | 1.432/36.37 | 1.166/29.62 | --- | --- | .130/3.30 |
| --- | 26 | 26 | --- | 12 | 1.200/30.48 | 1.332/33.83 | 1.066/27.08 | --- | --- | .130/3.30 |
| --- | 24 | 24 | --- | 11 | 1.100/27.94 | 1.232/31.29 | .966/24.54 | --- | --- | .130/3.30 |
| --- | 22 | 22 | --- | 10 | 1.000/25.40 | 1.132/28.75 | .866/22.00 | --- | --- | .130/3.30 |
| --- | 20 | 20 | --- | 9 | .900/22.86 | 1.032/26.21 | .766/19.46 | --- | --- | .130/3.30 |
| --- | 18 | 18 | --- | 8 | .800/20.32 | .932/23.67 | .666/16.92 | --- | --- | .130/3.30 |
| --- | 16 | 16 | --- | 7 | .700/17.78 | .832/21.13 | .566/14.38 | --- | --- | .130/3.30 |
| --- | 14 | 14 | --- | 6 | .600/15.24 | .732/18.59 | .466/11.84 | --- | --- | .130/3.30 |
| --- | 12 | 12 | --- | 5 | .500/12.70 | .632/16.05 | .366/9.30 | --- | --- | .130/3.30 |
| --- | 10 | 10 | --- | 4 | .400/10.16 | .532/13.52 | .266/6.76 | --- | --- | .130/3.30 |
| --- | 8 | 8 | --- | 3 | .300/7.62 | .432/10.97 | .166/4.22 | --- | --- | .130/3.30 |
| --- | 6 | 6 | --- | 2 | .200/5.08 | .332/8.43 | .066/1.68 | --- | --- | .130/3.30 |

| | | | |
|---------------------------------------|-----------------|------------|--------------------------|
| mat'l. code | ISO 1302 | ISO 406 | ISO 1101 |
| surface | tolerance | projection | product family |
| ISO 1302 | ISO 406 | ISO 1101 | HEADER |
| tolerances unless otherwise specified | XXXX.01/XX0.3 | INCH/MM | R/A HEADER |
| angles | XXXX.005/XX0.13 | scale 1:1 | FOR ROUND RECEPTACLE |
| dr | S.ROYER | 4/14/98 | dwg no |
| engr | M.SMYK | 4/14/98 | 68668 |
| chr | M.SMYK | 4/14/98 | 68668 |
| pppd | H.SUNDRY | 5/7/00 | Product Customer Drawing |
| sheet | revision | index | sheet |

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| PRODUCT NO. NOTE 9 | NO OF POS | NO OF PINS | POLARIZED POSITIONS | SPACES A | DIM B | DIM C | DIM D | DIM E | DIM F | DIM G |
|-----------------------|-----------|------------|---------------------|----------|-------------|-------------|-----------|-------------|-----------|-----------|
| 68668-046 | 28 | 28 | ---- | 13 | 1.300/33.02 | 1.432/36.37 | .066/1.68 | 1.166/29.62 | .200/5.08 | .200/5.08 |
| -047 | 30 | 30 | ---- | 14 | 1.400/35.56 | 1.532/38.91 | | 1.266/32.16 | | |
| -048 | 32 | 32 | ---- | 15 | 1.500/38.10 | 1.632/41.45 | | 1.366/34.70 | | |
| -049 | 34 | 34 | ---- | 16 | 1.600/40.64 | 1.732/43.99 | | 1.466/37.24 | | |
| -050 | 36 | 36 | ---- | 17 | 1.700/43.18 | 1.832/46.53 | | 1.566/39.78 | | |
| -051 | 38 | 38 | ---- | 18 | 1.800/45.72 | 1.932/49.07 | | 1.666/42.32 | | |
| -052 | 40 | 40 | ---- | 19 | 1.900/48.26 | 2.032/51.61 | | 1.766/44.86 | | |
| -053 | 42 | 42 | ---- | 20 | 2.000/50.80 | 2.132/54.15 | | 1.866/47.40 | | |
| -054 | 44 | 44 | ---- | 21 | 2.100/53.34 | 2.232/56.69 | | 1.966/49.94 | | |
| -055 | 46 | 46 | ---- | 22 | 2.200/55.88 | 2.332/59.23 | | 2.066/52.48 | | |
| -056 | 48 | 48 | ---- | 23 | 2.300/58.42 | 2.432/61.77 | | 2.166/55.02 | | |
| -057 | 50 | 50 | ---- | 24 | 2.400/60.96 | 2.532/64.31 | | 2.266/57.56 | | |
| -058 | 52 | 52 | ---- | 25 | 2.500/63.50 | 2.632/66.85 | | 2.366/60.10 | | |
| -059 | 54 | 54 | ---- | 26 | 2.600/66.04 | 2.732/69.39 | | 2.466/62.64 | | |
| -060 | 56 | 56 | ---- | 27 | 2.700/68.58 | 2.832/71.93 | | 2.566/65.18 | | |
| -061 | 58 | 58 | ---- | 28 | 2.800/71.12 | 2.932/74.47 | | 2.666/67.20 | | |
| -062 | 60 | 60 | ---- | 29 | 2.900/73.66 | 3.032/77.01 | | 2.766/70.26 | | |
| -063 | 62 | 62 | ---- | 30 | 3.000/76.20 | 3.132/79.55 | | 2.866/72.80 | | |
| -064 | 64 | 64 | ---- | 31 | 3.100/78.74 | 3.232/82.09 | | 2.966/75.34 | | |
| -065 | 66 | 66 | ---- | 32 | 3.200/81.28 | 3.332/84.63 | | 3.066/77.88 | | |
| -066 | 68 | 68 | ---- | 33 | 3.300/83.82 | 3.432/87.17 | | 3.166/80.42 | | |
| -067 | 70 | 70 | ---- | 34 | 3.400/86.36 | 3.532/89.71 | | 3.266/82.96 | | |
| -068 | 72 | 72 | ---- | 35 | 3.500/88.90 | 3.632/92.25 | | 3.366/85.50 | | |
| -069 | 8 | 8 | A-2,3 | 3 | .300/7.62 | .432/10.97 | | ---- | .130/3.30 | .130/3.30 |
| -070 | 50 | 50 | ---- | 24 | 2.400/60.96 | 2.532/64.31 | | 2.266/57.56 | .155/3.94 | .235/5.97 |
| -071 | 8 | 8 | A-2 | 3 | .300/7.62 | .432/10.97 | | ---- | .130/3.30 | .130/3.30 |
| -072 | 72 | 72 | B-34 | 35 | 3.500/88.90 | 3.632/92.25 | | 3.366/85.50 | .130/3.30 | .130/3.30 |
| -073 | 72 | 72 | A-34 | 35 | 3.500/88.90 | 3.632/92.25 | | 3.366/85.50 | .130/3.30 | .130/3.30 |
| 68668-074 | 30 | 30 | A-4 | 14 | 1.400/35.56 | 1.532/38.91 | .066/1.68 | 1.266/32.16 | .130/3.30 | .130/3.30 |

| | | | | | | | |
|-------------|----------|-------------------|-----------------|---------------------------------------|--------------------------|-------------------|------------|
| mat'l. code | ISO 1302 | ISO 406 | ISO 1101 | tolerance | projection | product family | HEADER |
| itr | ecn no | dr | date | tolerances unless otherwise specified | INCH/MM | title | R/A HEADER |
| angles | indeg | XXXX.000/XXXX.013 | XXXX.01/XXXX.03 | scale 1:1 | FOR ROUND RECEPTACLE | sheet 4 of 5 size | 68668 |
| 0±.2 | dr | S.ROYER | 4/14/98 | engr | M.SMYK | 4/14/98 | 4/14/98 |
| chr | M.SMYK | 4/14/98 | 5/7/00 | type | Product Customer Drawing | revision | sheet |
| index | revision | sheet | | | | | |

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