



VIEW G-G

- NOTES:
- 1 TERMINAL MATERIAL:
3/4 HARD PHOS BRONZE ALLOY UNS-C51000
 - 2 TERMINAL PLATING:
(1) 30μ"/0.76μ AU OR GXT over 50μ"/1.27μ NICKEL ON SWAGED TIPS AT MFG. OPTION
(2) 30μ"/0.76μ AU over 50μ"/1.27μ NICKEL ON SWAGED TIPS AT MFG. OPTION
 - 3 MOLDING MAT'L:
GLASS-FILLED POLYESTER, FLAME RETARDENT PER UL94V-0, COLOR: BLACK
 - 4 .020/0.51 MAX FLASH PERMISSIBLE AROUND ALL WINDOWS
 - 5 COMPANY LOGO TO BE MOLDED IN ON DATUM SURFACE [Z] APPROXIMATELY AS SHOWN
 - 6 .030/0.76 MAX FLASH PERMISSIBLE ON PINS (BOTH SIDES)
 - 7 OTHER PLATINGS ARE AVAILABLE ON 68419 & 68649. END OF PINS
 - 8 .015/0.38 MAX FLASH PERMISSIBLE ON THIS END OF PINS.

09. 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.

mat'l. code	notes	ISO 1302	surface	tolerances	projection	product family																																					
H	2 & 3	130 1101	ISO 1302	tolerances unless otherwise specified	projection INCH/MM	HEADER																																					
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PRODUCT NO	NO.OF POS.	DIM C ENGLISH	DIM C METRIC	DIM B ENGLISH	DIM B METRIC	DIM D ENGLISH	DIM D METRIC	DIM E ENGLISH	DIM E METRIC	DIM H ENGLISH	DIM H METRIC	"A" SPACES	PLATING CODE
68648-001	6	0.500	12.70	0.200	5.08	0.150	3.81	0.000	0.00	0.130	3.30	2	SEE NOTE 2 (1)
68648-002	8	0.600	15.24	0.300	7.62	0.150	3.81	0.000	0.00	0.130	3.30	3	SEE NOTE 2 (1)
68648-003	10	0.700	17.78	0.400	10.16	0.250	6.35	0.000	0.00	0.130	3.30	4	SEE NOTE 2 (1)
68648-004	12	0.800	20.32	0.500	12.70	0.250	6.35	0.000	0.00	0.130	3.30	5	SEE NOTE 2 (1)
68648-005	14	0.900	22.86	0.600	15.24	0.350	8.89	0.000	0.00	0.130	3.30	6	SEE NOTE 2 (1)
68648-006	16	1.000	25.40	0.700	17.78	0.350	8.89	0.000	0.00	0.130	3.30	7	SEE NOTE 2 (1)
68648-007	18	1.100	27.94	0.800	20.32	0.450	11.43	0.000	0.00	0.130	3.30	8	SEE NOTE 2 (1)
68648-008	20	1.200	30.48	0.900	22.86	0.150	3.81	0.850	21.59	0.130	3.30	9	SEE NOTE 2 (1)
68648-009	22	1.300	33.02	1.000	25.40	0.150	3.81	0.950	24.13	0.130	3.30	10	SEE NOTE 2 (1)
68648-010	24	1.400	35.56	1.100	27.94	0.150	3.81	1.050	26.67	0.130	3.30	11	SEE NOTE 2 (1)
68648-011	26	1.500	38.10	1.200	30.48	0.150	3.81	1.150	29.21	0.130	3.30	12	SEE NOTE 2 (1)
68648-012	28	1.600	40.64	1.300	33.02	0.150	3.81	1.250	31.75	0.130	3.30	13	SEE NOTE 2 (1)
68648-013	30	1.700	43.18	1.400	35.56	0.150	3.81	1.350	34.29	0.130	3.30	14	SEE NOTE 2 (1)
68648-014	32	1.800	45.72	1.500	38.10	0.150	3.81	1.450	36.83	0.130	3.30	15	SEE NOTE 2 (1)
68648-015	34	1.900	48.26	1.600	40.64	0.150	3.81	1.550	39.37	0.130	3.30	16	SEE NOTE 2 (1)
68648-016	36	2.000	50.81	1.700	43.18	0.150	3.81	1.650	41.91	0.130	3.30	17	SEE NOTE 2 (1)
68648-017	38	2.100	53.34	1.800	45.72	0.150	3.81	1.750	44.45	0.130	3.30	18	SEE NOTE 2 (1)
68648-018	40	2.200	55.88	1.900	48.26	0.150	3.81	1.850	46.99	0.130	3.30	19	SEE NOTE 2 (1)
68648-019	42	2.300	58.42	2.000	50.80	0.150	3.81	1.950	49.53	0.130	3.30	20	SEE NOTE 2 (1)
68648-020	44	2.400	60.96	2.100	53.34	0.150	3.81	2.050	52.07	0.130	3.30	21	SEE NOTE 2 (1)
68648-021	46	2.500	63.50	2.200	55.88	0.150	3.81	2.150	54.61	0.130	3.30	22	SEE NOTE 2 (1)
68648-022	48	2.600	66.04	2.300	58.42	0.150	3.81	2.250	57.15	0.130	3.30	23	SEE NOTE 2 (1)
68648-023	50	2.700	68.58	2.400	60.96	0.150	3.81	2.350	59.69	0.130	3.30	24	SEE NOTE 2 (1)
68648-024	52	2.800	71.12	2.500	63.50	0.150	3.81	2.450	62.23	0.130	3.30	25	SEE NOTE 2 (1)
68648-025	54	2.900	73.66	2.600	66.04	0.150	3.81	2.550	64.77	0.130	3.30	26	SEE NOTE 2 (1)
68648-026	56	3.000	76.20	2.700	68.58	0.150	3.81	2.650	67.31	0.130	3.30	27	SEE NOTE 2 (1)
68648-027	58	3.100	78.74	2.800	71.12	0.150	3.81	2.750	69.85	0.130	3.30	28	SEE NOTE 2 (1)
68648-028	60	3.200	81.28	2.900	73.66	0.150	3.81	2.850	72.39	0.130	3.30	29	SEE NOTE 2 (1)
68648-029	62	3.300	83.82	3.000	76.20	0.150	3.81	2.950	74.93	0.130	3.30	30	SEE NOTE 2 (1)
68648-030	64	3.400	86.36	3.100	78.74	0.150	3.81	3.050	77.47	0.130	3.30	31	SEE NOTE 2 (1)

mat'l. code	ISO 1302	surface	tolerances unless otherwise specified	projection	product family
NOTES 2 & 3	ISO 1101	ISO 1302	tolerances unless otherwise specified	projection	product family
tr	ecm no	dr	date	INCH/MM	title
H				Scale 1:1	STRAIGHT HEADER FOR FLAT CABLE RECEIPT
		dr	engr		sheet 3 of 4 size
		chr	chr		68648
		pppd	pppd		Product Customer
sheet	revision				Drawing
index	sheet				

PRODUCT NO NOTE 10	NO.OF PINS	DIM C		DIM B		DIM D		DIM E		DIM H		'A' SPACES	PLATING CODE
		ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC		
68648-031	66	3.500	88.90	3.200	81.28	0.150	3.81	3.150	80.01	0.130	3.30	32	SEE NOTE 2 (1)
68648-032	68	3.600	91.44	3.300	83.82	0.150	3.81	3.250	82.55	0.130	3.30	33	SEE NOTE 2 (1)
68648-033	70	3.700	93.98	3.400	86.36	0.150	3.81	3.350	85.09	0.130	3.30	34	SEE NOTE 2 (1)
68648-034	72	3.800	96.52	3.500	88.90	0.150	3.81	3.450	87.63	0.130	3.30	35	SEE NOTE 2 (1)
68648-035	10	0.700	17.78	0.400	10.16	0.250	6.35	0.000	0.00	0.155	3.94	4	SEE NOTE 2 (1)
68648-036	14	0.900	22.86	0.600	15.24	0.350	8.89	0.000	0.00	0.155	3.94	6	SEE NOTE 2 (1)
68648-037	20	1.200	30.48	0.900	22.86	0.150	3.81	0.850	21.59	0.155	3.94	9	SEE NOTE 2 (1)
68648-038	26	1.500	38.10	1.200	30.48	0.150	3.81	1.150	29.21	0.155	3.94	12	SEE NOTE 2 (1)
68648-039	32	1.800	45.72	1.500	38.10	0.150	3.81	1.450	36.83	0.155	3.94	15	SEE NOTE 2 (1)
68648-040	40	2.200	55.88	1.900	48.26	0.150	3.81	1.850	46.99	0.155	3.94	19	SEE NOTE 2 (1)
68648-041	50	2.700	68.58	2.400	60.96	0.150	3.81	2.350	59.69	0.155	3.94	24	SEE NOTE 2 (1)
68648-042	I N A C T I V E												
68648-043	I N A C T I V E												
68648-044	I N A C T I V E												
68648-045	8	0.600	15.24	0.300	7.62	0.150	3.81	0.000	0.00	0.130	3.30	3	SEE NOTE 2 (2)
68648-046	10	0.700	17.78	0.400	10.16	0.250	6.35	0.000	0.00	0.130	3.30	4	SEE NOTE 2 (2)
68648-047	14	0.900	22.86	0.600	15.24	0.350	8.89	0.000	0.00	0.130	3.30	6	SEE NOTE 2 (2)
68648-048	16	1.000	25.40	0.700	17.78	0.350	8.89	0.000	0.00	0.130	3.30	7	SEE NOTE 2 (2)
68648-049	20	1.200	30.48	0.900	22.86	0.150	3.81	0.850	21.59	0.130	3.30	9	SEE NOTE 2 (2)
68648-050	22	1.300	33.02	1.000	25.40	0.150	3.81	0.950	24.13	0.130	3.30	10	SEE NOTE 2 (2)
68648-051	24	1.400	35.56	1.100	27.94	0.150	3.81	1.050	26.67	0.130	3.30	11	SEE NOTE 2 (2)
68648-052	26	1.500	38.10	1.200	30.48	0.150	3.81	1.150	29.21	0.130	3.30	12	SEE NOTE 2 (2)
68648-053	34	1.900	48.26	1.600	40.64	0.150	3.81	1.550	39.37	0.130	3.30	16	SEE NOTE 2 (2)
68648-054	40	2.200	55.88	1.900	48.26	0.150	3.81	1.850	46.99	0.130	3.30	19	SEE NOTE 2 (2)
68648-055	50	2.700	68.58	2.400	60.96	0.150	3.81	2.350	59.69	0.130	3.30	24	SEE NOTE 2 (2)
68648-056	12	0.800	20.32	0.500	12.70	0.250	6.35	0.000	0.00	0.130	3.30	5	SEE NOTE 2 (2)
68648-057	6	0.500	12.70	0.200	5.08	0.150	3.81	0.000	0.00	0.130	3.30	2	SEE NOTE 2 (2)
68648-058	30	1.700	43.18	1.400	35.56	0.150	3.81	1.350	34.29	0.130	3.30	14	SEE NOTE 2 (2)
68648-059	24	1.400	35.56	1.100	27.94	0.150	3.81	1.050	26.67	0.205	5.21	11	SEE NOTE 2 (2)
68648-060	50	2.700	68.58	2.400	60.96	0.150	3.81	2.350	59.69	0.205	5.21	24	SEE NOTE 2 (2)

mat'l. code NOTES 2 & 3	surface ISO 1302	tolerance ISO 4106 ISO 1101	projection INCH/MM	product family HEADER
tr	ecrn no	dr	date	title STRAIGHT HEADER FOR FLAT CABLE RECEIPT
H	angles	inlet	inlet	sheet no 68648
	tolerances unless otherwise specified	dr	engr	sheet 4 of 4 size
	xxxx00/xx.3	dr	P.SMITH	A3
	xxxx0.000/xx.13	engr	P.SMITH	Product Customer
	xxxx0.000/xx.01	chr	P.SMITH	Drawing
	xxxx0.000/xx.01	pppd	P.SMITH	
	Scale 1:1			