



NOTES: UNLESS OTHERWISE SPECIFIED

1. ALL DIMENSIONS ARE IN MILLIMETER, PER ASME Y14.5M-2009.
2. ELECTRICAL CHARACTERISTICS:
  - 2-1 VOLTAGE RATING: 125 VAC MAX..
  - 2-2 CURRENT RATING: 1.0 A MAX. PER PIN, 30°C RISE ABOVE AMBIENT.
  - 2-3 CONTACT RESISTANCE: 20 MILLIOHMS MAX. FOR INITIAL, 40 MILLIOHMS MAX. AFTER TEST.
  - 2-4 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC R.M.S..
  - 2-5 INSULATION RESISTANCE: 1000 MEGOHMS MIN..
3. OTHER CHARACTERISTICS:
  - 3-1 THE PRODUCT IS NOT INTEND TO BE EXPOSED TO A MANUFACTURING SOLDER PROCESS.
  - 3-2 PRODUCT SPEC: GS-12-629.
  - 3-3 PACKAGE SPEC: GS-14-1420.
  - 3-4 MATE WITH: 20021511 / 20021521 / 20021512 / 20021611 / 20021621 / 20021612.
  - 3-5 30AWG WIRE IS RECOMMENDED FOR THIS PRODUCT.

20021444 - X 0 0 XX X X LF

- LEAD FREE
- PLATING:
  - 1: GOLD FLASH
  - 3: 0.25GXT
  - 4: 0.25µm GOLD
  - 8: 0.38µm GOLD
- PACKING
- T: TUBE
- PIN COUNT
- SEE TABLE 1
- SPECIAL CODE
- W: CUSTOMIZED TYPE
- O: STANDARD TYPE

TABLE 1

DASH NO.	DIM.	AMOUNT OF PINS	DIM.A	DIM.B	DIM.C	DIM.D
- 000 06 XX LF	06	06	2.54	8.04	1.85	4.95
- 000 08 XX LF	08	08	3.81	9.31	1.85	4.95
- 000 10 XX LF	10	10	5.08	10.58	1.85	4.95
- 000 12 XX LF	12	12	6.35	11.85	1.85	4.95
- 000 14 XX LF	14	14	7.62	13.12	1.85	4.95
- 000 16 XX LF	16	16	8.89	14.39	1.85	4.95
- 000 20 XX LF	20	20	11.43	16.93	1.85	4.95
- 000 22 XX LF	22	22	12.70	18.20	1.85	4.95
- 000 24 XX LF	24	24	13.97	19.47	1.85	4.95
- 000 26 XX LF	26	26	15.24	20.74	1.85	4.95
- 000 34 XX LF	34	34	20.32	25.82	1.85	4.95
- 000 40 XX LF	40	40	24.13	29.63	1.85	4.95
- 000 50 XX LF	50	50	30.48	35.98	1.85	4.95

3	CONTACT	COPPER ALLOY	1µm MIN. NICKEL PLATING OVERALL UNDERPLATED GOLD FLASH OVER 1µm MIN. NICKEL OVER ALL GOLD OR GXT PLATING ON CONTACT AREA		
2	HOUSING	THERMOPLASTIC UL 94V-0	MOLDED BLACK		
1	CAP	THERMOPLASTIC UL 94V-0	MOLDED BLACK		
ITEM	DESCRIPTION	MATERIAL	TREATMENT		
mat'l. code		surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection	product family
ltr ecn no dr date		tolerances unless otherwise specified			HPL 585
K	ELX-N-18117	TIM YAO	06/27/14		
L	ELX-N-43633	YY BAO	01/21/22	0.XX±0.25	title MINITEK 1.27
M	ELX-N-291051	GRACE LIU	04/07/26	0.XXX±0.10	
		dr	GRACE LIU	04/07/26	scale 1:1
		enrg	GRACE LIU	04/07/26	
		chr	LQ LEI	04/07/26	
		appd	TIM YAO	04/07/26	
sheet index	revision sheet	M	1		title 20021444 type Product Customer Drawing